



The Art of Entertainment

KE-2700SDK



ORDER NO. **CRT1325** 

WG

CASSETTE CAR STEREO WITH FM/MW ELECTRONIC TUNER

# WG CASSETTE CAR STEREO WITH FM/MW/LW ELECTRONIC TUNER **EW**

### Note:

• See the separate manual CX-197(CRT1328) for the cassette mechanism description.

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# SAFETY INFORMATION

### **WARNING!**

Lithium batteries. Danger of explosion. Replacement must be done by qualified personnel and only by following the instructions given in the service manual.

This warning is stated on the product or in the operating instructions. When replacing the lithium batteries, follow the note below.

Dispose of the used battery promptly. Keep away from children. Do not disassemble and do not dispose of in fire.

The battery used in this device may present a fire or chemical hazard if mistreated. Do not recharge, disassemble, heat above 100°C or incinerate. Replace only with the same Part Number. Use of another battery may present a risk of fire or explosion.

Note: The lithium battery installation position is shown in the exploded view and the P.C. board pattern.

# 1. SPECIFICATIONS

General
Power source 14.4 V DC (10.8 — 15.6 V allowable)
Grounding system Negative type
Max. current consumption (KE-2700SDK, KE-2730B, KE-2700B)
Dimensions (chassis)
(front face)
Weight 1.3 kg
Amplifier
Maximum power output
(KE-2700SDK, KE-2730B, KE-2700B) $8.5 \text{ W} \times 2/7 \text{ W} \times 4 \text{ (EIAJ)}$
(KE-1700SDK, KE-1730B, KE-1700B)
Continuous power output
(KE-2700SDK, KE-2730B, KE-2700B) 4.5 W $ imes$ 2/3.5 W $ imes$ 4
(1% dist. at 1 kHz)
(KE-1700SDK, KE-1730B, KE-1700B) 4.5 W × 2
(1% dist. at 1 kHz)
Load impedance
(KE-2700SDK, KE-2730B, KE-2700B) 4 $\Omega$ (4 $-$ 8 $\Omega$ allowable) (KE-1700SDK, KE-1730B, KE-1700B) 4 $\Omega$ (2 $-$ 8 $\Omega$ allowable)
Tone controls (KE-2700SDK, KE-2730B, KE-2700B)
(bass)       ±10 dB (100 Hz)         (treble)       ±10 dB (10 kHz)
Loudness contour

### **ADVARSEL!**

Lithiumbatteri — Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren.

Denne advarsel or angivet på produktet eller i brugsvejledningen. Ved udskiftning af lithium batterierne følges nedenstående anveisning. Batterierne må kun udskiftes med batterier af samme type og mærke.

### **VARNING**

Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

Denna varning finns på apparaten eller i bruksanvisningen. Följ nedanstående anvisningar vid byte av litiumbatterier.

Batterierna får endast bytas ut mot litiumbatterier av samma typ och fabrikat.

### Tape player

Fast forward/rewind time       Approx. 100 sec. for C-60         Wow & flutter       0.13% (WRMS)         Frequency response       50 - 14,000 Hz (±3 dB)         Stereo separation       45 dB         Signal-to-noise ratio       52 dB (IEC-A network)         FM tuner       87.5 - 108 MHz         Usable sensitivity       11 dBf (1.0 μV/75 Ω, mono, S/N: 30 dB)         50 dB quieting sensitivity       16 dBf (1.7 μV/75 Ω, mono)         Signal-to-noise ratio       70 dB (IEC-A network)         Distortion       0.3% (at 65 dBf, 1 kHz, stereo)         Frequency response       30 - 15,000 Hz (±3 dB)         Stereo separation       40 dB (at 65 dBf, 1 kHz)         WW tuner       531 - 1,602 kHz         Usable sensitivity       18 μV (25 dB) (S/N: 20 dB)         Selectivity       50 dB (±9 kHz)         LW tuner (KE-2730B, KE-1730B)       153 - 281 kHz         Usable sensitivity       30 μV (30 dB) (S/N: 20 dB)	Tape Compact cassette tape (C-30 - C-90)
Wow & flutter0.13% (WRMS)Frequency response50 - 14,000 Hz ( $\pm$ 3 dB)Stereo separation45 dBSignal-to-noise ratio52 dB (IEC-A network)FM tuner87.5 - 108 MHzFrequency range87.5 - 108 MHzUsable sensitivity11 dBf ( $1.0 \mu$ V/75 $\Omega$ , mono, S/N: 30 dB)50 dB quieting sensitivity16 dBf ( $1.7 \mu$ V/75 $\Omega$ , mono)Signal-to-noise ratio70 dB (IEC-A network)Distortion0.3% (at 65 dBf, 1 kHz, stereo)Frequency response30 - 15,000 Hz ( $\pm$ 3 dB)Stereo separation40 dB (at 65 dBf, 1 kHz)VWW tuner531 - 1,602 kHzJsable sensitivity18 $\mu$ V (25 dB) (S/N: 20 dB)Selectivity50 dB ( $\pm$ 9 kHz)LW tuner (KE-2730B, KE-1730B)153 - 281 kHzJsable sensitivity30 $\mu$ V (30 dB) (S/N: 20 dB)	Tape speed 4.76 cm/sec. (+0.14 cm/sec., -0.05 cm/sec.)
Frequency response $50-14,000  \text{Hz}  (\pm 3  \text{dB})$ Stereo separation $45  \text{dB}$ Signal-to-noise ratio $52  \text{dB}  (\text{IEC-A network})$ FM tuner Frequency range $87.5-108  \text{MHz}$ Usable sensitivity $11  \text{dBf}  (1.0  \mu\text{V}/75  \Omega,  \text{mono},  \text{S/N: } 30  \text{dB})$ $50  \text{dB}  \text{quieting sensitivity}$ $16  \text{dBf}  (1.7  \mu\text{V}/75  \Omega,  \text{mono})$ Signal-to-noise ratio $70  \text{dB}  (\text{IEC-A network})$ Distortion $9.3\%  (\text{at } 65  \text{dBf},  1  \text{kHz},  \text{stereo})$ Frequency response $30-15,000  \text{Hz}  (\pm 3  \text{dB})$ Stereo separation $40  \text{dB}  (\text{at } 65  \text{dBf},  1  \text{kHz})$ WW tuner Frequency range $531-1,602  \text{kHz}$ Usable sensitivity $18  \mu\text{V}  (25  \text{dB})  (\text{S/N: } 20  \text{dB})$ Selectivity $50  \text{dB}  (\pm 9  \text{kHz})$ LW tuner (KE-2730B, KE-1730B) Frequency range $153-281  \text{kHz}$ Usable sensitivity $30  \mu\text{V}  (30  \text{dB})  (\text{S/N: } 20  \text{dB})$	Fast forward/rewind time Approx. 100 sec. for C-60
Stereo separation	Wow & flutter 0.13% (WRMS)
Signal-to-noise ratio52 dB (IEC-A network)FM tunerFrequency range87.5 — 108 MHzUsable sensitivity11 dBf (1.0 $\mu$ V/75 $\Omega$ , mono, S/N: 30 dB)50 dB quieting sensitivity16 dBf (1.7 $\mu$ V/75 $\Omega$ , mono)Signal-to-noise ratio70 dB (IEC-A network)Distortion0.3% (at 65 dBf, 1 kHz, stereo)Frequency response30 — 15,000 Hz ( $\pm$ 3 dB)Stereo separation40 dB (at 65 dBf, 1 kHz)VWW tuner531 — 1,602 kHzJsable sensitivity18 $\mu$ V (25 dB) (S/N: 20 dB)Selectivity50 dB ( $\pm$ 9 kHz)LW tuner (KE-2730B, KE-1730B)153 — 281 kHzUsable sensitivity30 $\mu$ V (30 dB) (S/N: 20 dB)	Frequency response 50 $-$ 14,000 Hz ( $\pm 3$ dB)
FM tuner  Frequency range	Stereo separation
Frequency range	Signal-to-noise ratio 52 dB (IEC-A network)
Usable sensitivity	FM tuner
50 dB quieting sensitivity	Frequency range
Signal-to-noise ratio       70 dB (IEC-A network)         Distortion       0.3% (at 65 dBf, 1 kHz, stereo)         Frequency response       30 – 15,000 Hz (±3 dB)         Stereo separation       40 dB (at 65 dBf, 1 kHz)         MW tuner       531 – 1,602 kHz         Jsable sensitivity       18 μV (25 dB) (S/N: 20 dB)         Selectivity       50 dB (±9 kHz)         LW tuner (KE-2730B, KE-1730B)       153 – 281 kHz         Jsable sensitivity       30 μV (30 dB) (S/N: 20 dB)	
Distortion       0.3% (at 65 dBf, 1 kHz, stereo)         Frequency response       30 - 15,000 Hz (±3 dB)         Stereo separation       40 dB (at 65 dBf, 1 kHz)         MW tuner       531 - 1,602 kHz         Disable sensitivity       18 μV (25 dB) (S/N: 20 dB)         Selectivity       50 dB (±9 kHz)         LW tuner (KE-2730B, KE-1730B)       153 - 281 kHz         Usable sensitivity       30 μV (30 dB) (S/N: 20 dB)	50 dB quieting sensitivity 16 dBf (1.7 $\mu$ V/75 $\Omega$ , mono)
Trequency response   30 - 15,000 Hz (±3 dB)	Signal-to-noise ratio
Stereo separation	Distortion 0.3% (at 65 dBf, 1 kHz, stereo)
WW tuner       531 - 1,602 kHz         Frequency range       531 - 1,602 kHz         Jsable sensitivity       18 μV (25 dB) (S/N: 20 dB)         Selectivity       50 dB (±9 kHz)         W tuner (KE-2730B, KE-1730B)         Frequency range       153 - 281 kHz         Jsable sensitivity       30 μV (30 dB) (S/N: 20 dB)	Frequency response
Frequency range $531-1,602$ kHz Jsable sensitivity $18 \mu V$ (25 dB) (S/N: 20 dB) Selectivity $50 dB$ ( $\pm 9 kHz$ ) W tuner (KE-2730B, KE-1730B) Frequency range $153-281$ kHz Jsable sensitivity $30 \mu V$ (30 dB) (S/N: 20 dB)	Stereo separation 40 dB (at 65 dBf, 1 kHz)
Jsable sensitivity       18 μV (25 dB) (S/N: 20 dB)         Selectivity       50 dB ( $\pm$ 9 kHz)         -W tuner (KE-2730B, KE-1730B)         Frequency range       153 - 281 kHz         Jsable sensitivity       30 μV (30 dB) (S/N: 20 dB)	MW tuner
Selectivity	Frequency range 531 — 1,602 kHz
<b>W tuner (KE-2730B, KE-1730B)</b> Frequency range	Usable sensitivity
Frequency range	Selectivity 50 dB (±9 kHz)
Frequency range	LW tuner (KE-2730B, KE-1730B)
Usable sensitivity	Frequency range 153 — 281 kHz
	Selectivity 50 dB (±9 kHz)

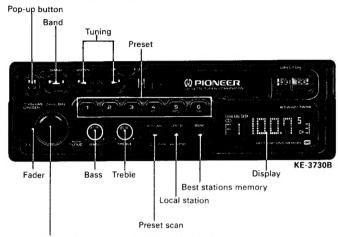
### Note:

Specifications and the design are subject to possible modification without notice due to improvements.



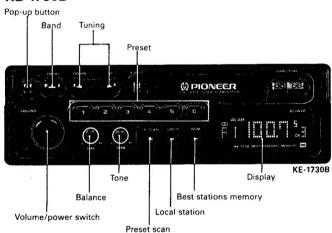
# 2. USING THE RADIO

### KE-3730B, KE-2730B

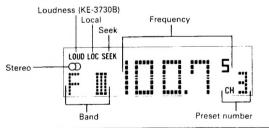


Volume/balance/loudness/power switch (KE-3730B) Volume/balance/power switch (KE-2730B)

### **KE-1730B**



# KE-3730B, KE-2730B, KE-1730B



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### • Before attempting operation...

- Set the fader control to the left horizontal. (KE-2730B)
- Turning the power switch to the right causes power to switch ON and the current frequency to appear on the display.
- Since the set is designed preferentially for tape play, eject a cassette tape, if mounted, before operating the radio.
- 2. Press the band switch to select the band.
- Switching between FM and MW/LW is controlled by the band switch. Switching between LW and MW is accomplished using the tuning button. The MW band is from 531 kHz to 1,602 kHz, and the LW band is from 153 kHz to 281 kHz.
- Press both ends of tuning button and the seek tuning indicator will appear on the display.
- 4. Press either the left or right side of the tuning button to tune in the desired frequency. (Pressing the right side will increase the frequency.)

### KE-2730B

Adjust the volume and balance. To adjust the balance, first pull the knob until a click is heard. After setting to the desired level, push the knob in again to its original position.

### KE-1730B

- 5. Adjust the volume and balance.
- 6. Adjust the tone.

### • To enter a frequency into the preset memory...

- Hold down one of the preset buttons (1-6) for approximately two seconds. The frequency is stored in memory (assigned to the preset button pressed) once the preset number stops flashing on the display.
  - Six FM1 frequencies, six FM2 frequencies, six FM3 frequencies and six MW and LW frequencies can be entered.

### Best Stations Memory Button

Automatically tunes strong frequencies and assigns them to preset buttons 1 through 6 for one-touch automatic tuning. The best stations memory function is activated by pressing this button for approximately 2 seconds. The best stations memory function is indicated by ——— flashing on the display, and this function can be canceled by pressing the band switch. The frequency display returns once the best stations memory function is complete. The frequency displayed at this time is of the strongest station assigned to preset button 1 by the best stations memory function.

- 6 best (strongest) frequencies are memorized in the 6 preset buttons in the order of their strength, the strongest one being assigned to preset button 1.
- The frequencies previously assigned to the preset buttons are retained when 6 frequencies cannot be located.
- The best stations memory is in operation while ——— is flashing on the display.

### Local Station Switch

Pressing this switch increases the seek threshold level so that only relatively strong stations can be tuned in (local indicator will illuminate on the display). Local seek threshold level can be selected among four levels for FM and two levels for MW and LW.

Holding this switch down for approximately 2 seconds and then pressing the right side of the tuning button changes the display from L-1, L-2, L-3 to L-4. Pressing the left side of the tuning button changes the display from L-4, L-3, L-2 to L-1 (L-1 and L-2 for MW/LW). The bigger the number, the higher the seek threshold becomes and only relatively strong stations can be tuned in.

### ● Fader Control (KE-2730B)

This control is used to adjust the balance between the front and rear speakers when using a 4-speaker system. Turning the control upwards decreases the volume of the rear speakers, while turning it downwards decreases the volume of the front speakers. With 2-speaker systems, set this control to a horizontal position.

Aconsiderable amount of sound will continue to be produced from speakers of a 4-speaker system which have been cut by setting the fader control either to the front speakers or rear speakers. This is normal and does not indicate malfunction.

### Auto-Loudness (KE-2730B, KE-1730B)

When playing back a tape or listening to the radio at low volume, the low and high tones are automatically emphasized.

### Seek Tuning

Press both ends of tuning button and tuning to the next higher or lower broadcast on the band can be accomplished automatically by simply pressing either the right or left side of the tuning button. FM frequencies change in 50 kHz steps while those in the MW and LW bands change in 9 kHz steps.

### **Preset Scan Tuning**

Pressing the preset scan button (CH indicator flashes) causes previously stored frequencies to be tuned in sequentially for eight seconds each. Press again when the desired frequency is tuned in to cancel preset scan tuning.

### **Preset Tuning**

Pressing the preset button instantly tunes in the frequency programmed in the memory for that button.

### **Manual Tuning**

When manual tuning is employed, FM frequencies change in 50 kHz steps, LW frequencies change in 1 kHz steps, and MW frequencies change in 9 kHz steps.

- Press both ends of tuning button and the seek tuning indicator will disappear from the display.
- Change the frequency by pressing either the left or right side of the tuning button. Pressing the button once will change the frequency one step (see above). Continuously depressing either side of the button will successively change the frequency at the prescribed step.

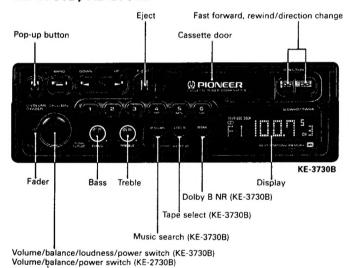
### Pop-up button

When the quickrelease handle is on the bottom, push the button to move it up slightly. Push it when you remove the unit from the dashboard.

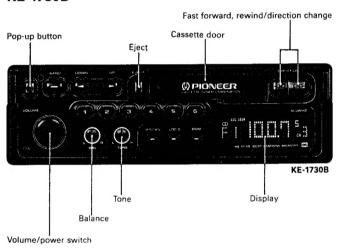
The button works only when the handle lock is released.

# 3. USING THE TAPE DECK

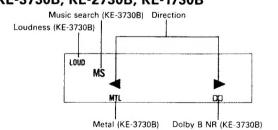
### KE-3730B, KE-2730B



### KE-1730B



### KE-3730B, KE-2730B, KE-1730B





### • Before attempting operation...

- Set the fader control to the left horizontal. (KE-2730B)
- 1. Turning the power switch to the right causes power to switch ON.
- Loading a cassette tape into the load slot causes playback to begin automatically.

### KE-2730B

Adjust the volume and balance. To adjust the balance, first pull the knob until a click is heard. After setting to the desired level, push the knob in again to its original position.

### KE-1730B

- 3. Adjust the volume and balance.
- 4. Adjust the tone.
- 5. When tape playback reaches the end of the tape, playback will automatically switch from the side being played to the opposite side (ie. Side A to Side B or vice versa) (Auto-reverse). To eject the tape during playback, press the eject button.
- A loose or warped label on a cassette tape may interfece with the eject mechanism of the unit or cause the cassette to become jammed in the unit. Avoid using such tapes or remove such labels from the cassette before attempting use.
- Do not try to eject the cassette immediately after insertion, as it will cause malfunction. Wait a few seconds.
- Loose tapes should be rewound with the aid of a pencil and unevenly wound tapes rewound with the use of the fast forward function.
   Be sure to eject the tape when the vehicle's ignition is turned OFF. Leaving the
- Be sure to eject the tape when the vehicle's ignition is turned OFF. Leaving the tape in the unit can deform the pinch roller causing wow and flutter during tape playback.

### Fast Forward/Rewind

Since the transport can be in either direction, both the left and right high-speed tape transport buttons can be regarded as fast forward/rewind buttons

For fast forward, press the high-speed tape transport button that corresponds to the direction that is shown by the direction indicator. When the end of the tape is reached, playback will automatically begin from the opposite side of the tape (Auto-reverse).

For rewind, press the button that is opposite that of the direction shown by the direction indicator. When the end of the tape is reached, playback will automatically begin from the beginning of the same side of the tape (Auto-replay).

Fast forward and rewind can be terminated by pressing the respective opposite high-speed tape transport button.

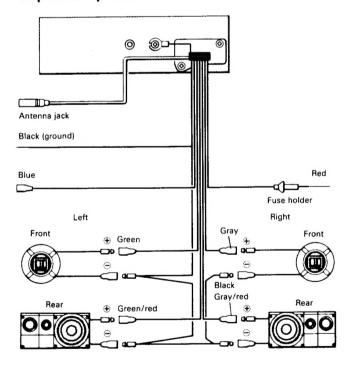
### • Direction Change

Push the fast forward and rewind buttons together to switch from one side of the tape to the other (from Side A to Side B or vice years)

# 4. CONNECTIONS

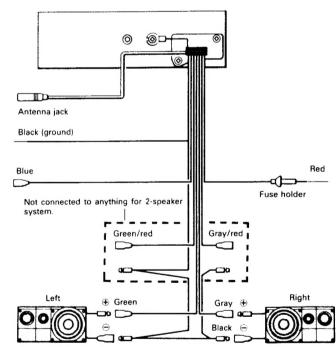
### KE-2700SDK, KE-2730B, KE-2700B

### 4-speaker system

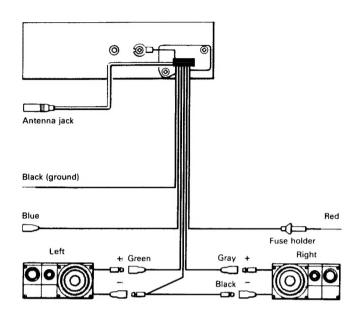


### KE-2700SDK, KE-2730B, KE-2700B

### 2-speaker system



### KE-1700SDK, KE-1730B, KE-1700B



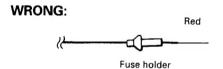
### Note:

- To avoid shorts in the electrical system, be sure to disconnect the battery ⊕ cable before beginning installation.
- Replace the fuse only with the type stipulated on the fuse holder.
- Be sure to properly connect the color coded leads. Failure to do so can cause malfunctions.
- Cover unused terminals with tape to prevent electrical shorts.

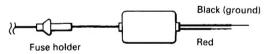
Black (ground)	To vehicle (metal) body.					
Blue	To auto-antenna power terminal (Max. 300 mA 12 V DC).					
Red	To electric terminal controlled by ignition switch (12 V DC) ON/OFF.					

## ERRATUM (KE-2700SDK, KE-1700SDK)

There is a mistake in the "Connections" section in the Owner's Manual. The red lead in the illustration should be changed as follows:



### RIGHT:



Black (ground)	To vehicle (metal) body.					
Red	To electric terminal controlled by ignition switch (12 V DC) ON/OFF.					

### CAUTION

It is very dangerous to short the red and black leads together. Before connecting the leads, read the "Connections" section in the Owner's manual, and connect the leads carefully.

# 5. DISASSEMBLY

### Removing the Case

- 1. Insert and turn a screwdriver to remove the case.
- 2. Raise the case to remove.

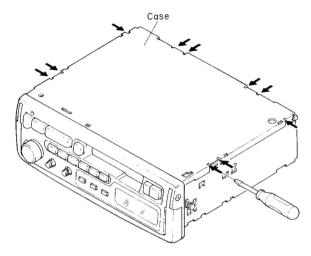


Fig. 1

### Removing the Handle

1. Remove the two screws, and then remove the handle.

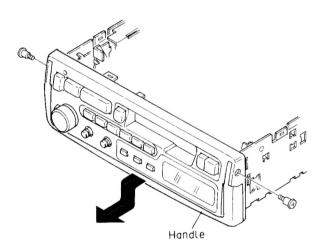


Fig. 2

### • Removing the Grille Assy

- 1. Remove the two knobs. (KE-2700SDK, KE-2730B, KE-2700B)
- 2. Remove the knob. (KE-1700SDK, KE-1730B, KE-1700B)
- 3. Press the tabs at four locations, and then pull out the grille assy.

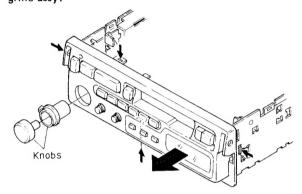


Fig. 3

# • Removing the Cassette Mechanism Assy

- 1. Disconnect the connector.
- 2. Remove the four screws A and four screws B.
- 3. Remove the cassette mechanism assy.

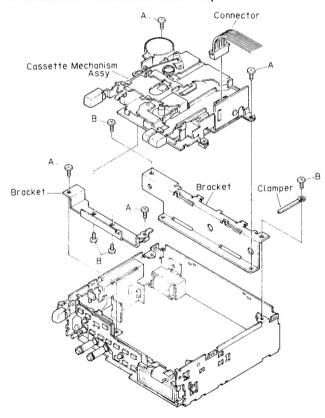


Fig. 4

# Removing the SDK P.C. board (KE-2700SDK, KE-1700SDK)

1. Pull out the SDK P.C. board.

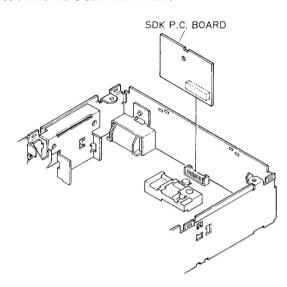


Fig. 5

# • Removing the Tuner Amp Unit

- 1. Remove the four screws C.
- 2. Raise up on tuner amp unit to remove it from the chassis unit.

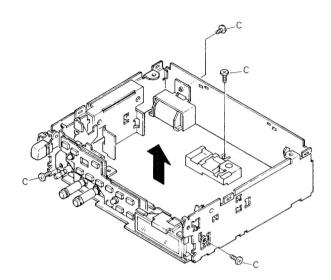


Fig. 6

# **6. BLOCK DIAGRAM**

• KE-2700B

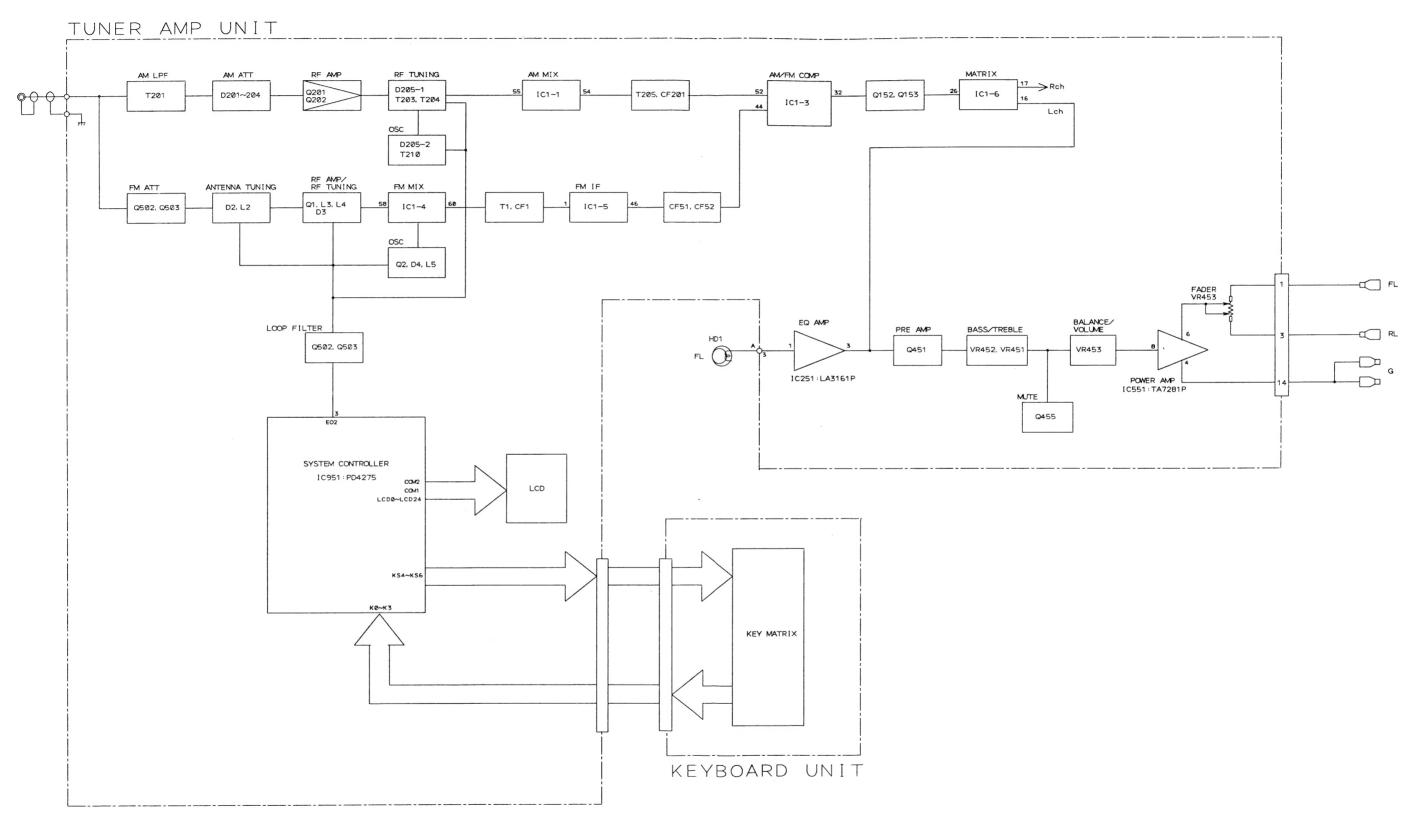


Fig. 7

# 7. ADJUSTMENT

# Connection Diagram

### NOTICE:

Select C1 so that total capacity of 80pF is attained from the direction of the receiver jack.

Z: Output impedance of SSG.

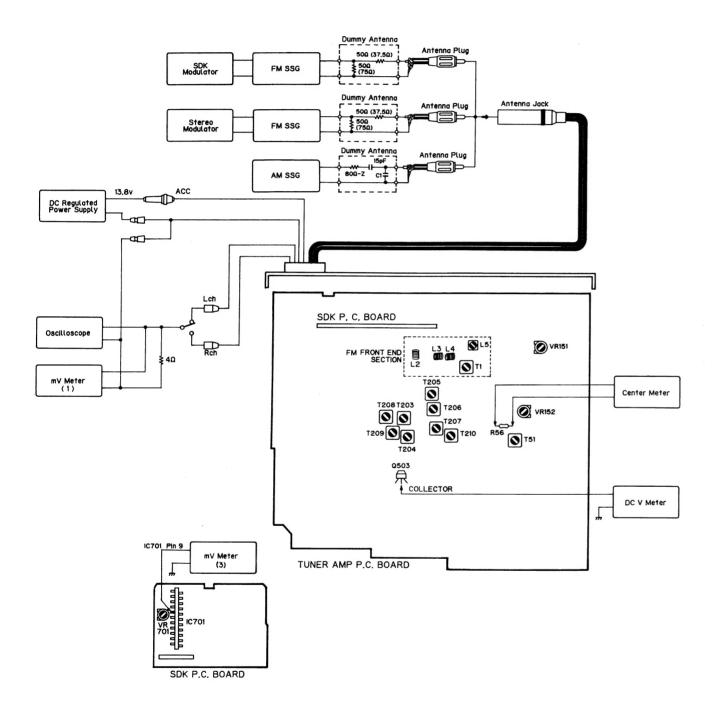


Fig. 8

### FM ADJUSTMENT

※ 1 Stereo MOD.: Pilot=10%

	No	FM SSG (400	Hz, 100%)	Displayed	Adjusting	Adjustment Method			
	No.	Frequency (MHz)	Level (dBf)	Frequency (MHz)	Point	(Switch Position)			
Tun- ing Volt	1	_	_	108.0	L 5	DC V Meter:7.0V			
Tra-	1	98.1	15	98. 1	L2, L4	mV Meter(1):Maximum			
cki- ng	2	98.1	15	98. 1	T1	mV Meter(1):Maximum			
1 F	1	98.1 Unmodulated	6 5	98.1	T 5 1	Center Meter:0			
Pil- ot Can- cel	1	98.1%1	6 5	98.1	VR151	mV Meter(1):Minimum (MPX Filter:OFF)			
ARC	1	98.1%2	40	98. 1	VR152	mV Meter(1):Separation 5dB			

### AM ADJUSTMENT

(KE-2700SDK, KE-2700B, KE-1700SDK, KE-1700B)

	No.	AM SSG (400	Hz, 30% )	Displayed Frequency	Adjusting Point	Adjustment Method			
	NO.	Frequency (kHz)	Level (dBμV)	(kHz)	roint	(Switch Position)			
Tun- ing Volt	1		_	530	T210	DC V Meter:1.0V			
Tra- cki- ng	1	1.000	2 0	1.000	T203, 204, 205, 206	mV Meter(1):Maximum			

# MW/LW ADJUSTMENT (KE-2730B, KE-1730B)

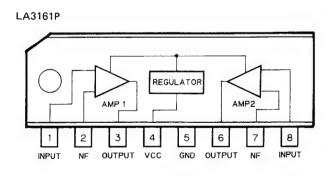
		AM SSG (400	Hz. 30% )	Displayed	Adjusting	Adjustment Method		
	No.	Frequency (kHz)	Level (dB $\mu$ V)	Frequency (kHz)	Point	(Switch Position)		
Tun-	1		_	531	T210	DC V Meter:1.0V		
ing Volt	2		_	153	T207	DC V Meter:3.0V		
Tra- cki-	1	999	2 0	999	T203, 204, 205, 206	mV Meter(1):Maximum		
ng	1	216	2 0	216	T208, 209	mV Meter(1):Maximum		

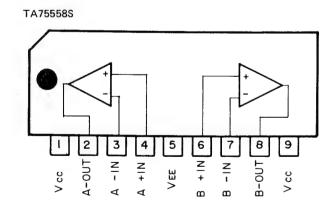
# SDK ADJUSTMENT (KE-2700SDK, KE-1700SDK)

※ 3 : SDK MOD. : SK (57kH) = 5%

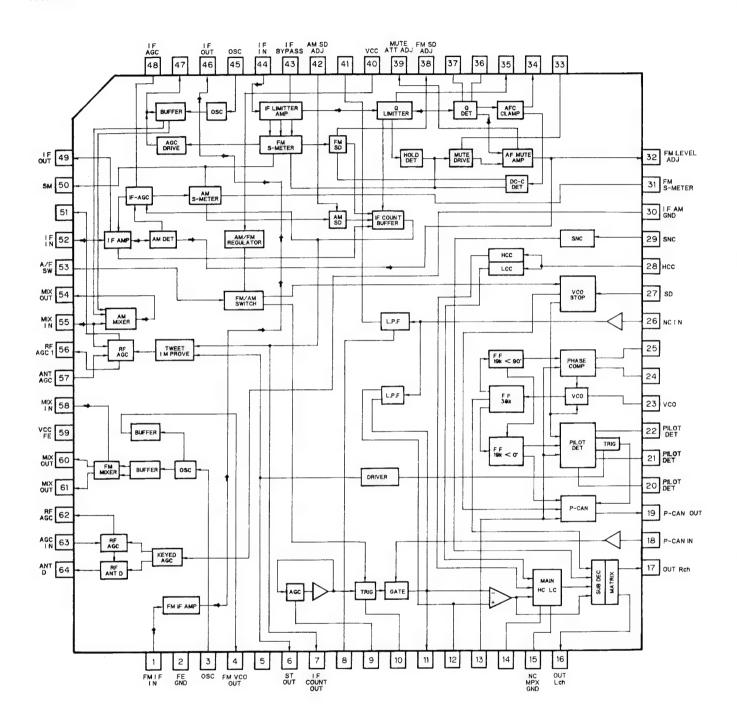
No.	FM SSG (400	Hz, 100%)	Displayed Frequency	Adjusting Point	Adjustment Method (Switch Position)			
140.	Frequency (MHz)	Level (dBf)	(MHz)	701110				
1	98.1%3	6 5	98.1	VR701	mV Meter(3):Maximum			

### • ICs





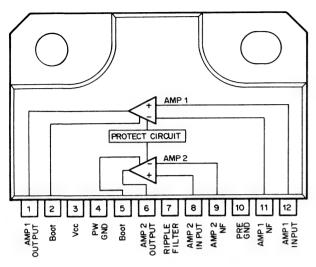
### PAC001A

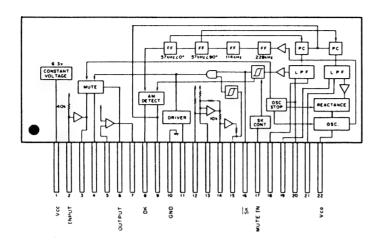




LA2220

TA7281P





IC's marked by \* are MOS type. Be careful in handling them because they are very liable to be damaged by electrostatic induction.

### \*PD4275

		19	7	0 0	- <del>  -</del>	13	77	-[	- c	ן ת	7   Œ	\ \	ا ا	ר   ח	4   M	ηN	-		
NR MTL	20 21 22 23 24 25 26	MS OUT SEEK XO XI GND	SO	AM IF	TAPE	SK	X	MUTE	LW/WW	FNZAW	VDD2	CE	FM VCO	AM VCO	1007	E02	SL KØ K1 K2 K3	64 63 62 61 60 59 58	(BSEN)
	27 28 29 30 31 32	DK 00T (LCD25) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	35 LCD20	25 LC019	38 LCD18			41 LCD14	42 LCD13	45 LC012	444 LCD11	LCD1	LCD3	LCDB	LCD7		51 LCD4 /KS4 88 /KS8 COM1 COM2 /KS4 88 /KS8 COM2	57 56 55 54 53 52	LCD1/KS1 LCD2/KS2 LCD3/KS3

# • Pin Function (PD4275)

Pin No.	Pin Name	1/0	Output Format	Function and Operation
	NC		С	Not used
2	E01 E02	Output	C(3)	PLL error output pins
4 8	VDD1 VDD2			Device power supply pin
5	VCOL	Input		AM local oscillator signal input pin
6	VСОН	Input		FM local oscillator signal input pin
7	CE	Input		Chip enable input pin
9	FM/AM	Output	С	FM/AM band select pin "H":FM "L":AM
10	LW	Output	С	Loop filter switching output pin "H":LW
1 1	MUTE	Output	С	Mute output pin "H":ON
12	DK	INPUT		SK signal input pin
13	SK	INPUT		DK signal input pin
1 4	डा	Input		Stereo broadcast detection signal input pin "L":Stereo indicator is displayed
15	TAPE	INPUT		Tape power ON/OFF input pin "H":ON
16	AMIF	Input		AM IF signal input pin
17	SD	Input		FM SD input "H":During broadcast reception
18	F/REV	Input		Tape motion signal input pin "H": Forward
19	LOUD	Input		Loudness ON/OFF signal input pin "L":ON
20	NR	Output	С	Dolby NR ON/OFF output pin "H":ON
21	METAL	Output	С	Tape METAL ON/OFF output pin "L":ON
22	MSOUT	Output	С	Tape MS ON/OFF output pin "L":ON
23	SEEK	Out put	С	"H"level: SEEK, BSM, BSA and PSCAN
24 25		Output Input	С	Quartz oscillator terminal
26	GND			GND terminal
27	PEE	Output	С	Alarm output pin
28	LOC1	Output	С	Halt sensitivity switching pin
				"L":DX SEEK(P.SCAN) "H":LOC SEEK
29	DKOUT	Output	С	Control by DK(terminal #12) input signal "H":DK input signal is detected as 125Hz
30	NC			Not used

Pin PNo. Na
31 LCD
1 55 LCD
48 KS7
1 55 KS0
56 COM
57 COM
59 K3
1 1
62 K0
63 SL
64 NC

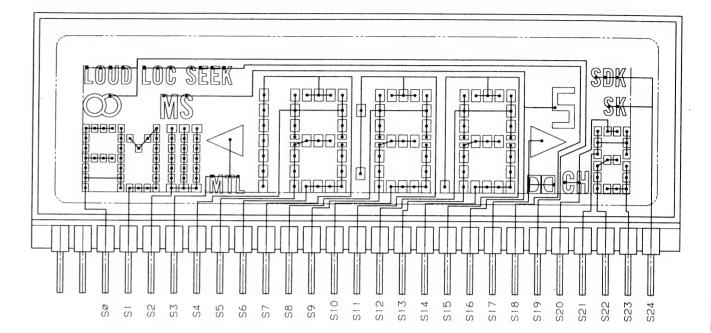
Output C C(

į.					
	Pin No.	Pin Name	1/0	Output Format	Function and Operation
	31   55	LCD24 LCD0	Output	C	Segment signal output pins to LCD
	48     55	KS7   KS0	Output	С	Key matrix strobe output pins
	56 57	COM1 COM2	Output	С	Common signal output pins to LCD
	59   62	КЗ   КО	Input		Key matrix return input pins
	63	SL	Input		AM station level anarog input pin
	64	NC		С	Not used

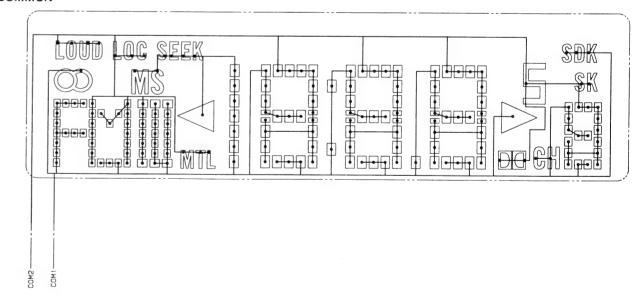
Output format	Meaning
С	C-MOS
C(3)	C-MOS(3 State)

# • LCD(CAW1097)

# SEGMENT



### COMMON



LW

ut pin

ption

ON

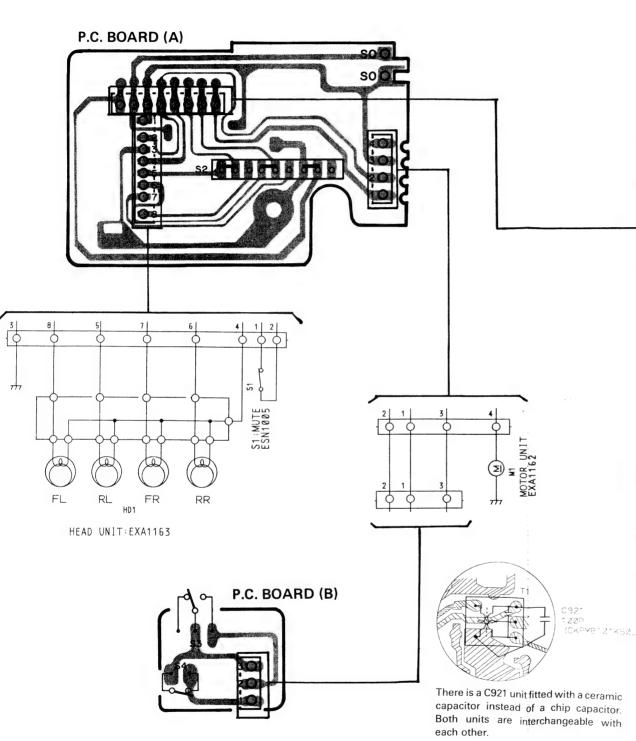
KE-2700SDK

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8. CONNECTION DIAGRAM (KE-2700SDK)

TUNER AMP P.C. BOARD

Q10
Q251
Q151 Q151 Q153
Q952
Q302 Q201 Q456
Q10
Q522
Q202 Q201 Q456
Q502 Q451
Q503
Q455

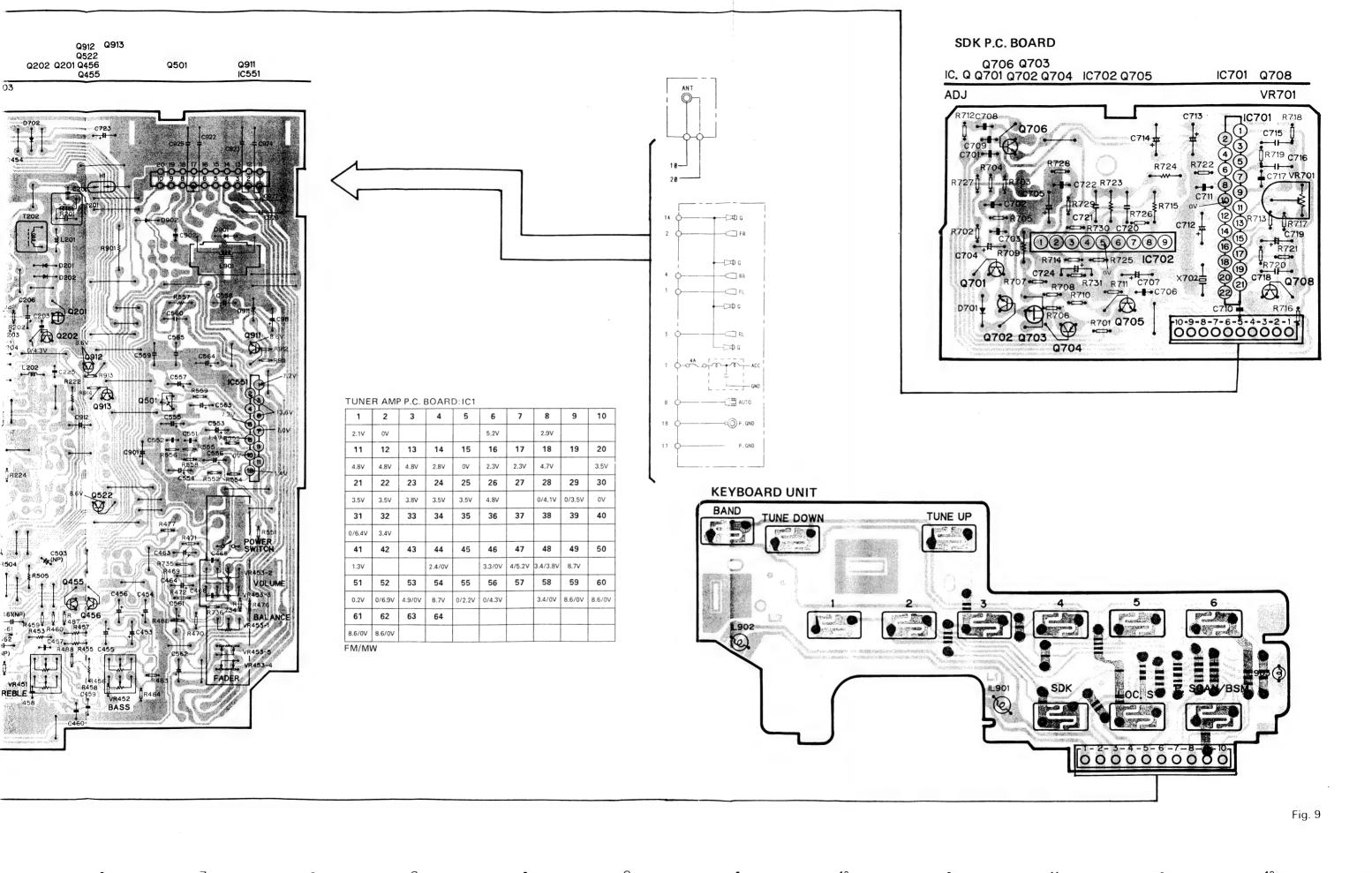


L4 T210 T205 L2 T204 T203 T206 000000000000

19

2

4



8 9 10 11 11

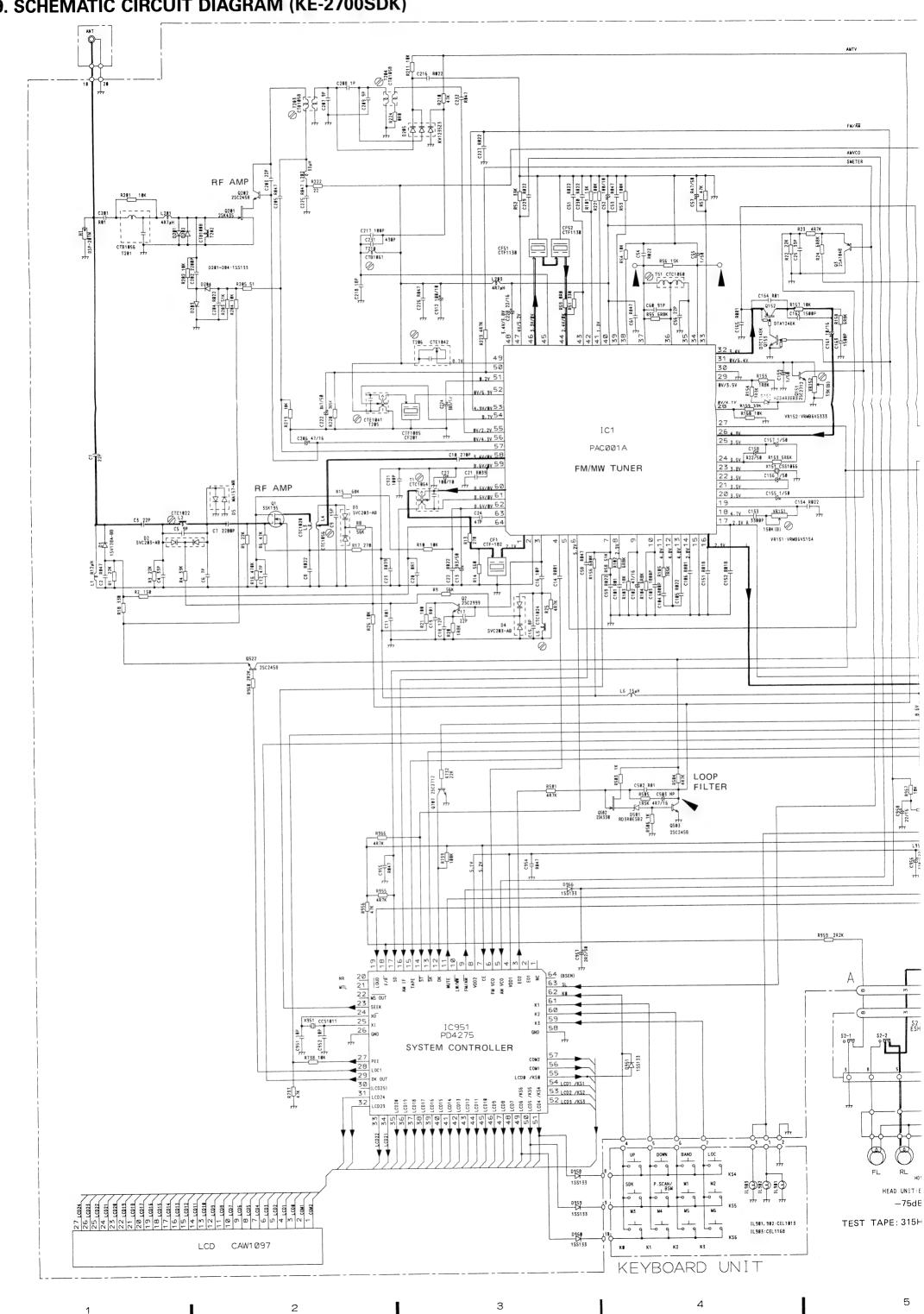
# 9. SCHEMATIC CIRCUIT DIAGRAM (KE-2700SDK)

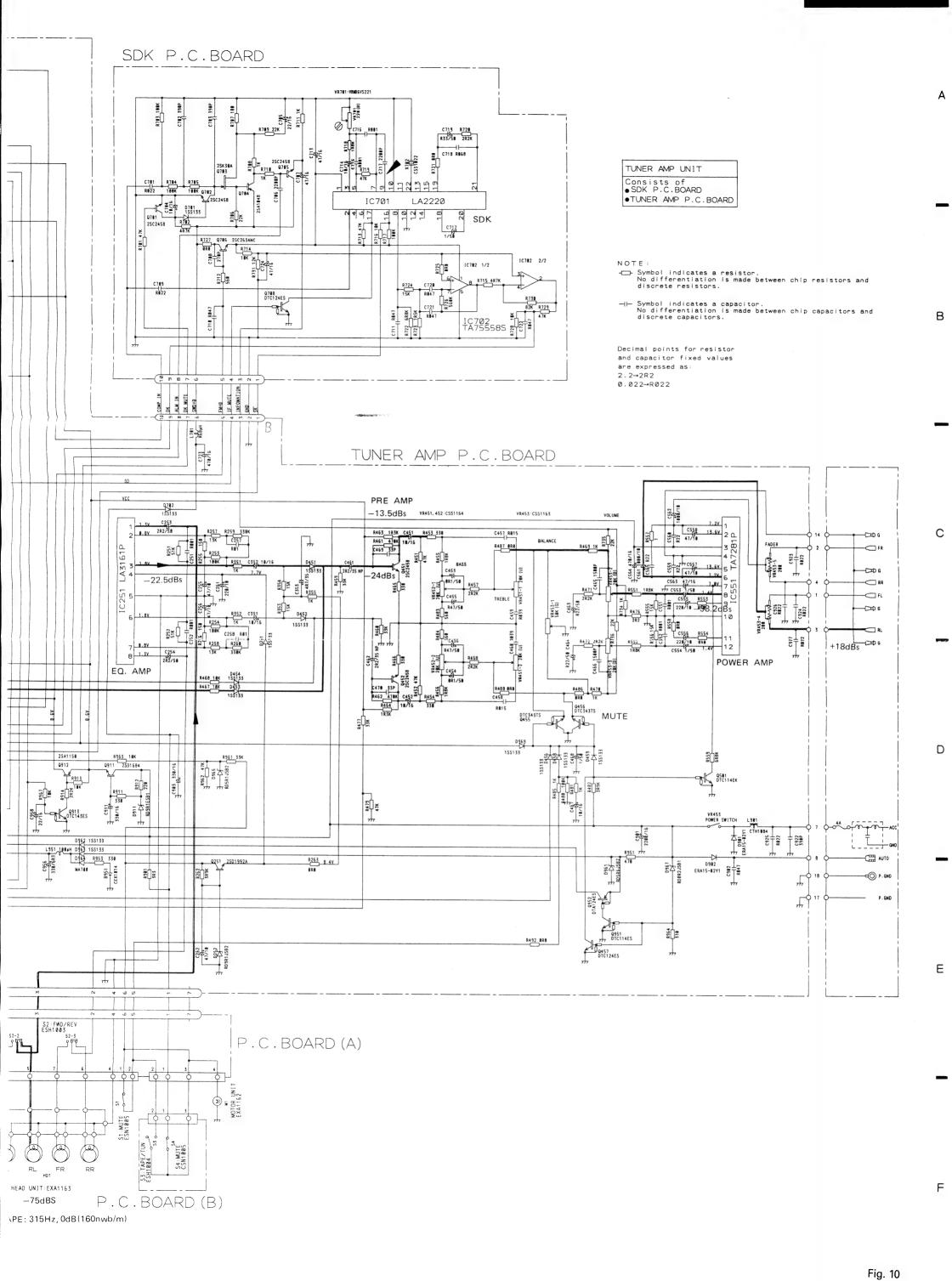
Α

В

С

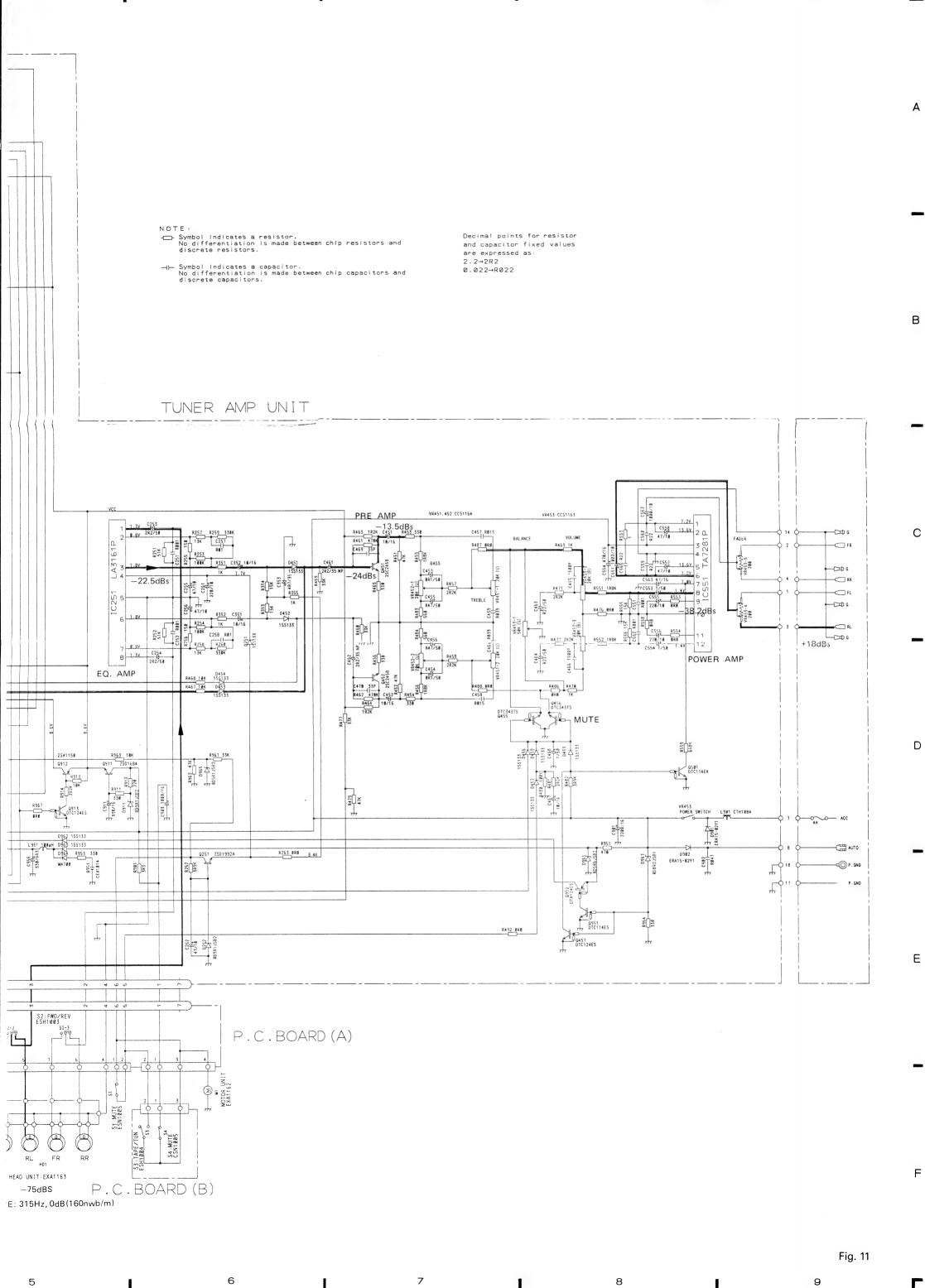
Ε



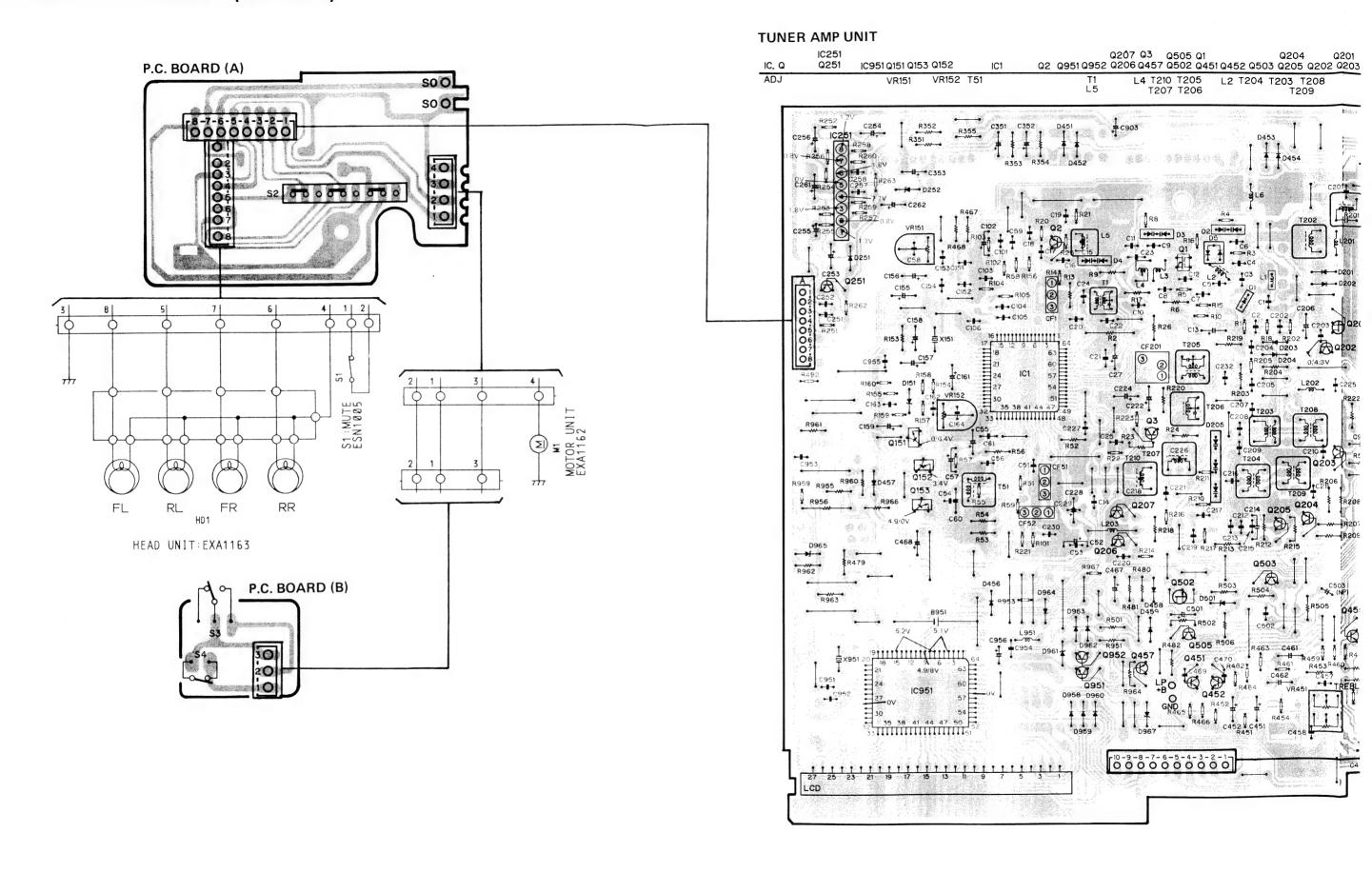


KE-2700SDK

KE-2700SDK 10. SCHEMATIC CIRCUIT DIAGRAM (KE-2730B) C216 R822 OTB1958 **新** C227 AMVCO RF AMP Q203, 204:25C2458 R288 568 R289 568 R822 CF51 CTF1138 OTS1\_CTC1868 0283 C284 R822 R283 51K R284 18K C164 R@1 44 2.4V/8V R59 BR# RSS SRBK & 4.9V/BV 53 IC1 C206, 47/16 PAC001A FM/MW/LW TUNER <sub>11</sub> Ø RF AMP 25 13VC203-AB
E 1856K 18<sub>4.79</sub> c153 17<sub>2.39 R</sub> 3500P С 150K (B) CB RB22 C23 R839 R3 22K R16 478K 2SC2458 1951 188 xH R955 47K C953 R847 Ε X951 CSS181 S2:FW: ESH100 SYSTEM CONTROLLER 28 LOC1 29 DK OUT 30 (LCD25) COM1 LCD8 /KS8 54 LCD1 /KS1 /KS6 /KS5 3 LCD2 /KS2 D958 155133 RL F HEAD UNIT: EXA1 D959 155133 -75 dBSM5 IL981, 982:CEL1813 IL983:CEL1168 TEST TAPE: 315Hz, 0c LCD CAW1 097 KEYBOARD UNIT 26



# 11. CONNECTION DIAGRAM (KE-2730B)





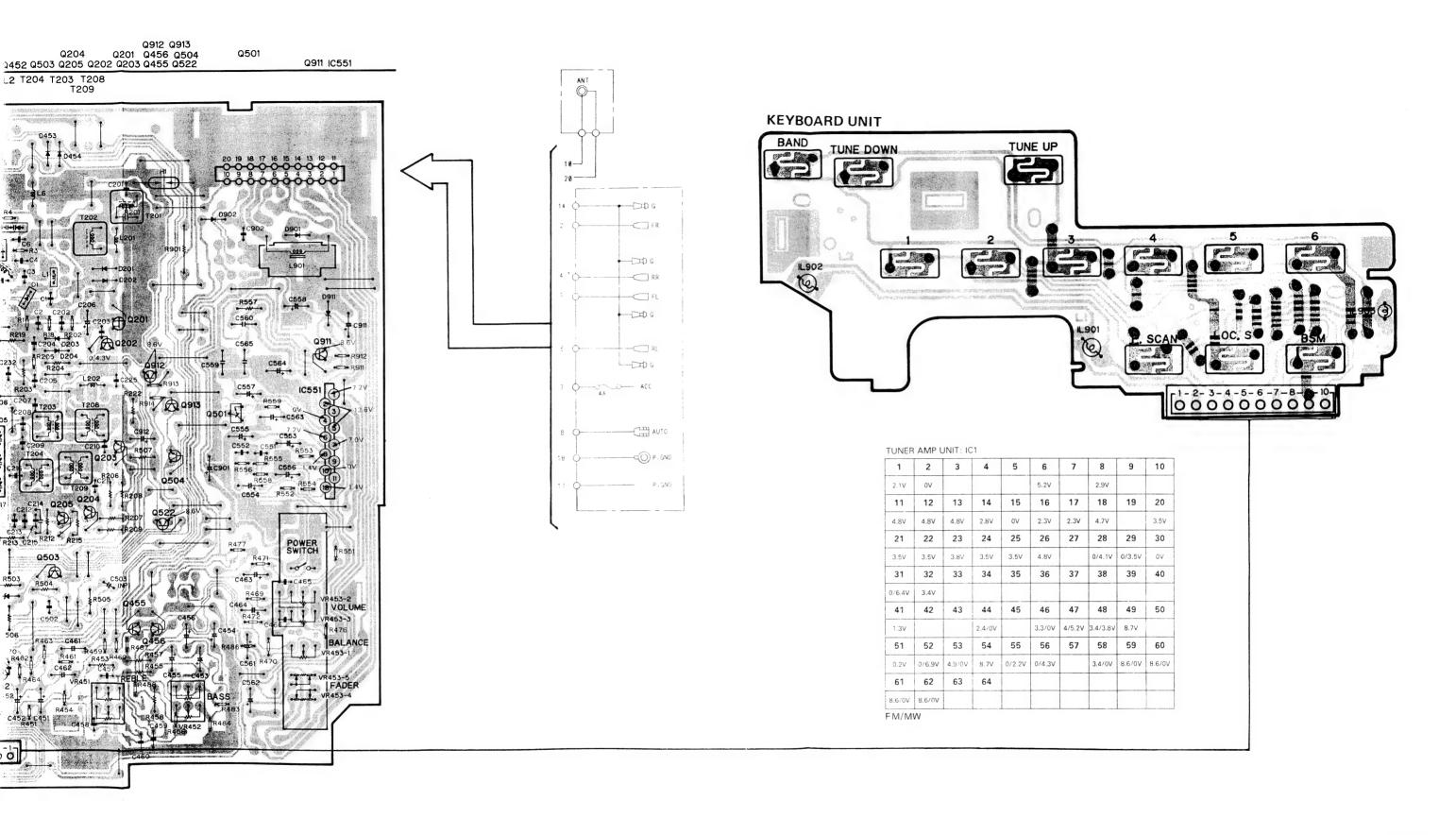
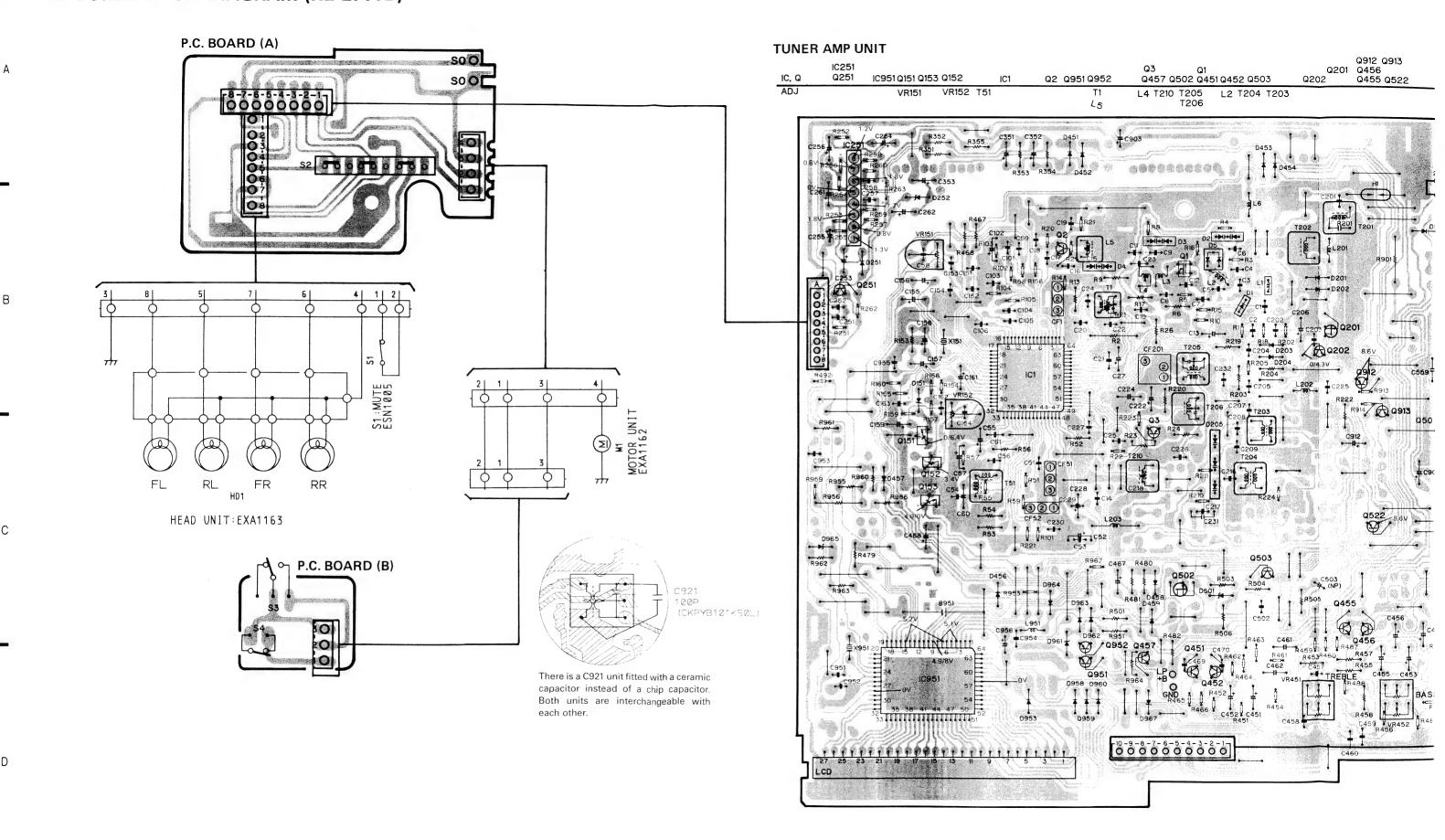
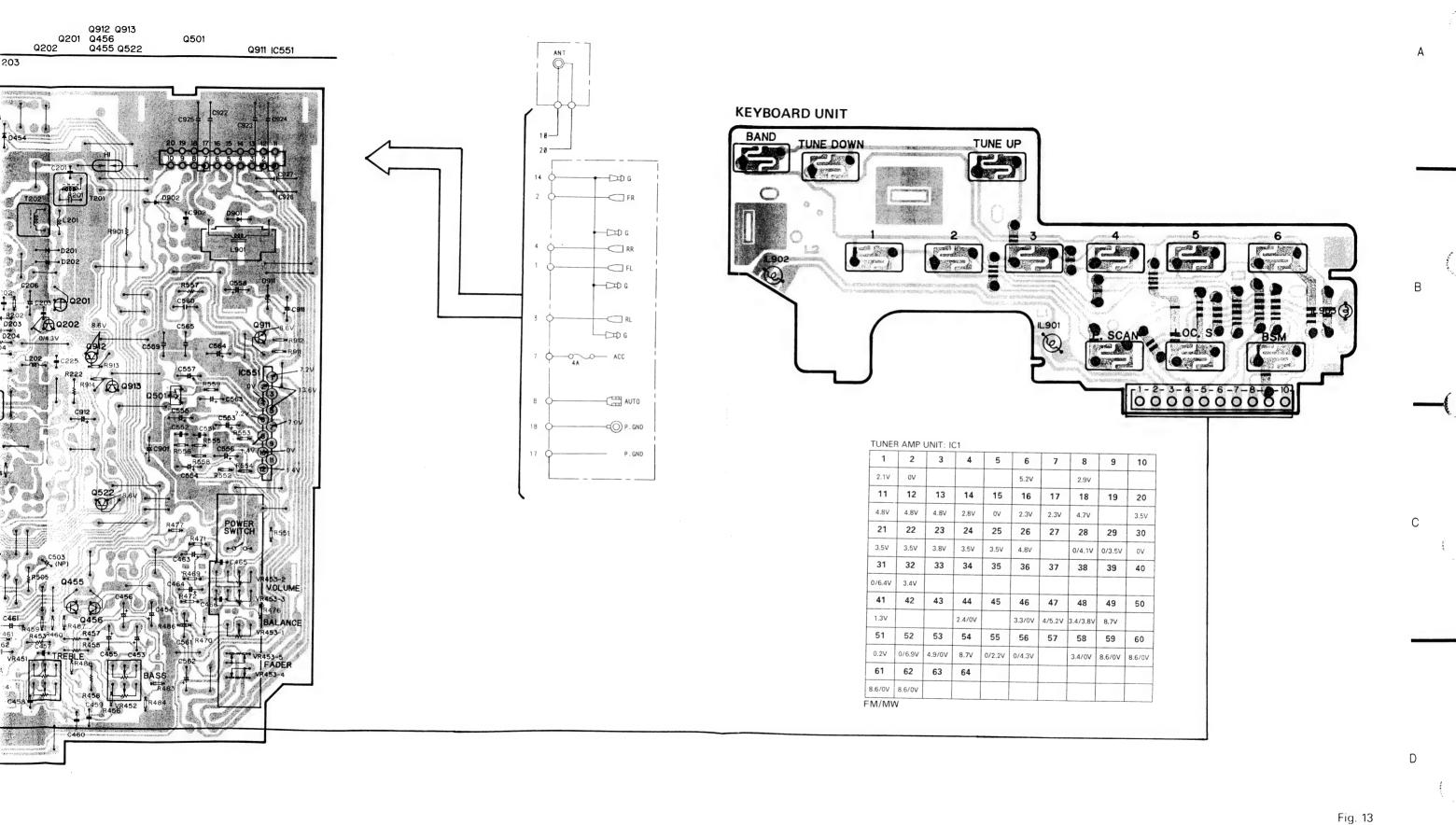


Fig. 12

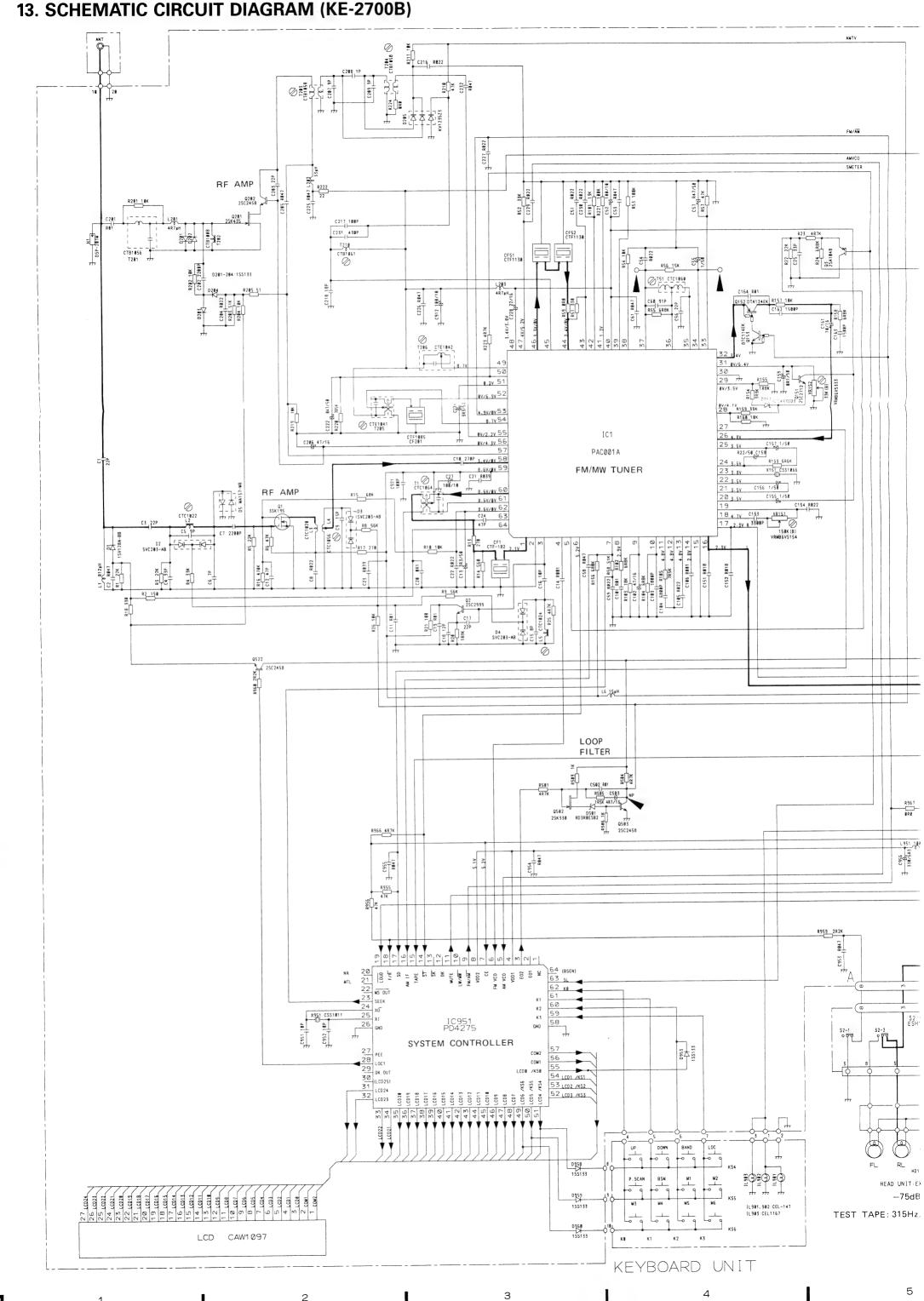
KE-2700SDK

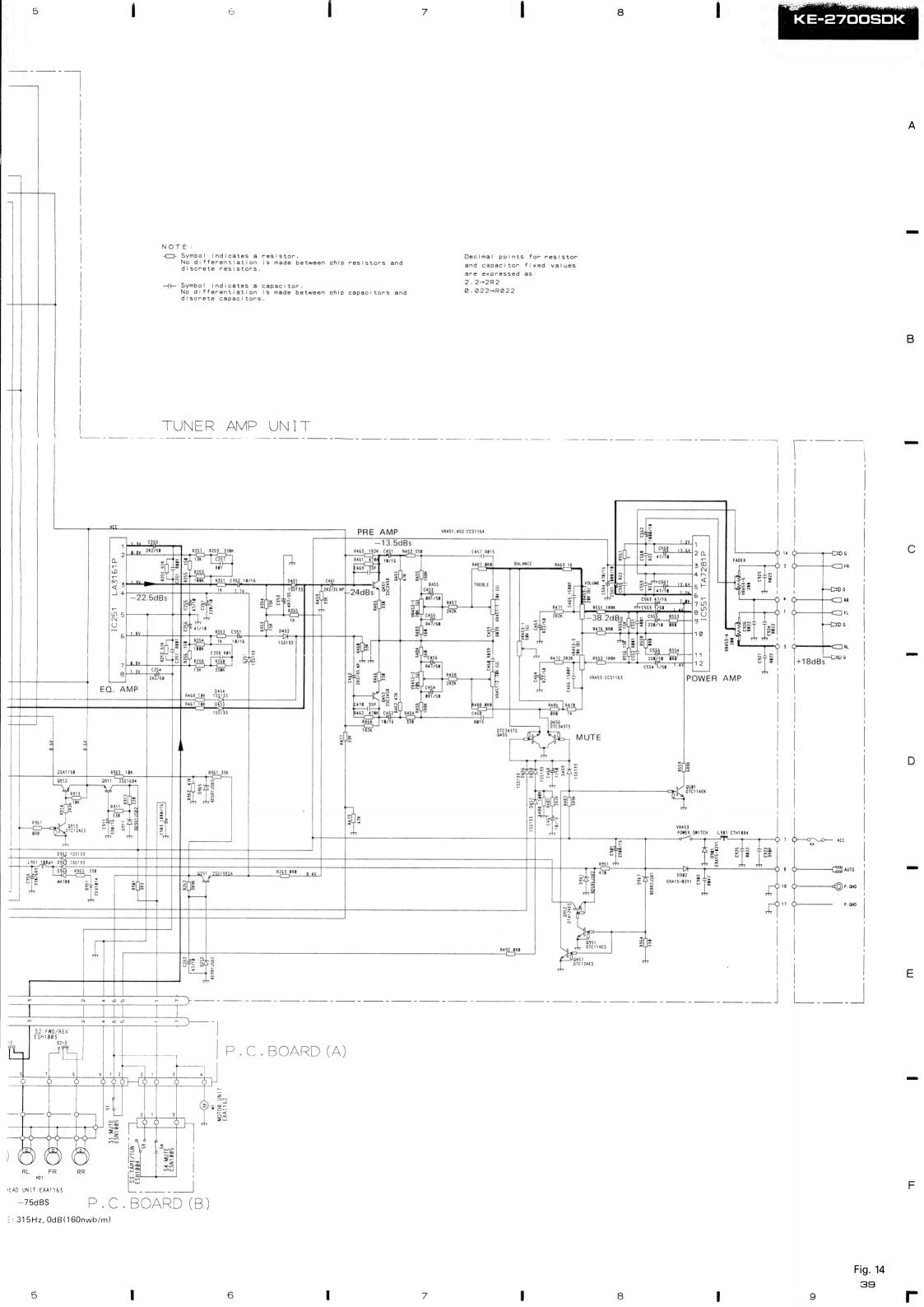
12. CONNECTION DIAGRAM (KE-2700B)



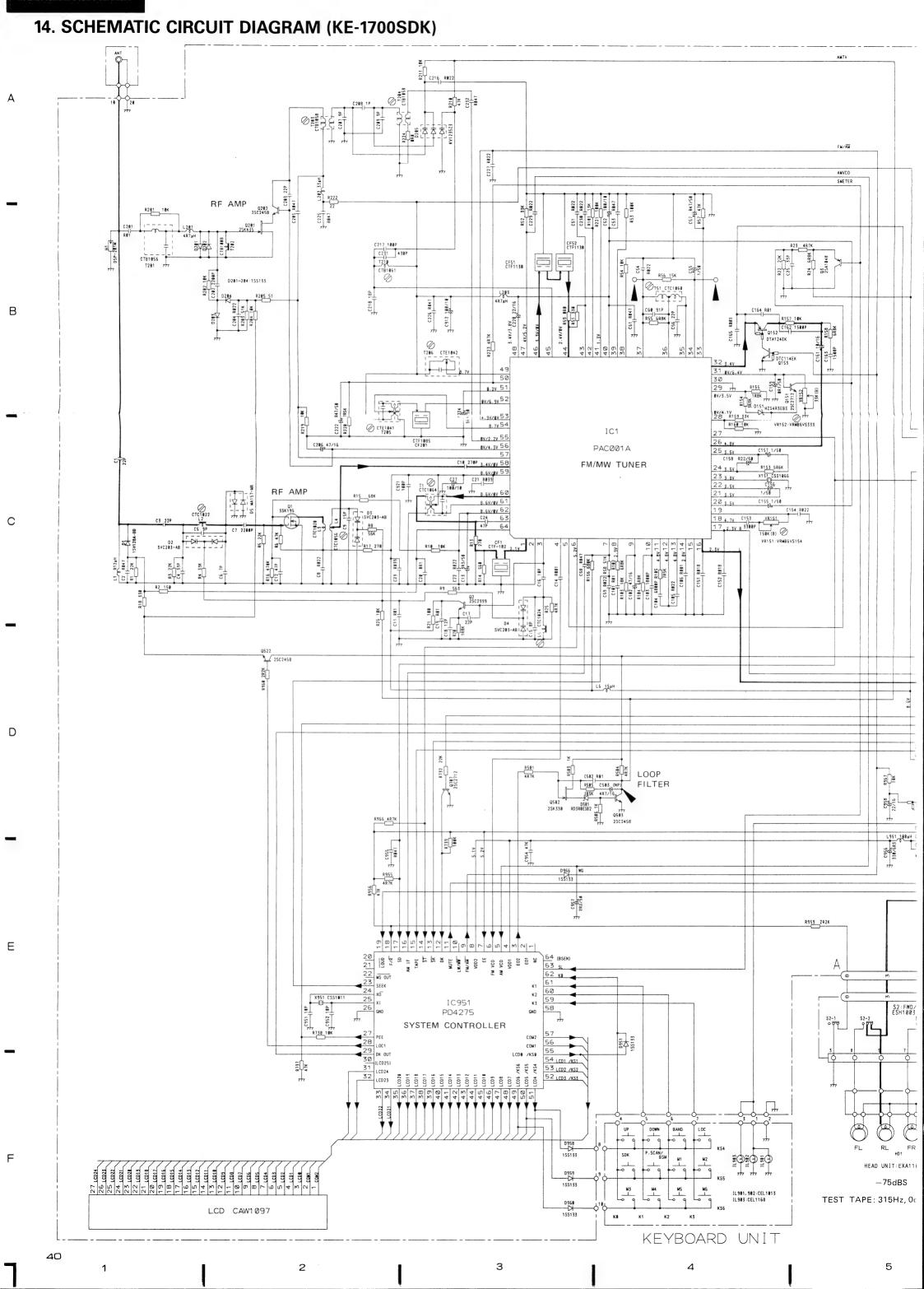


Ε





KE-2700SDK



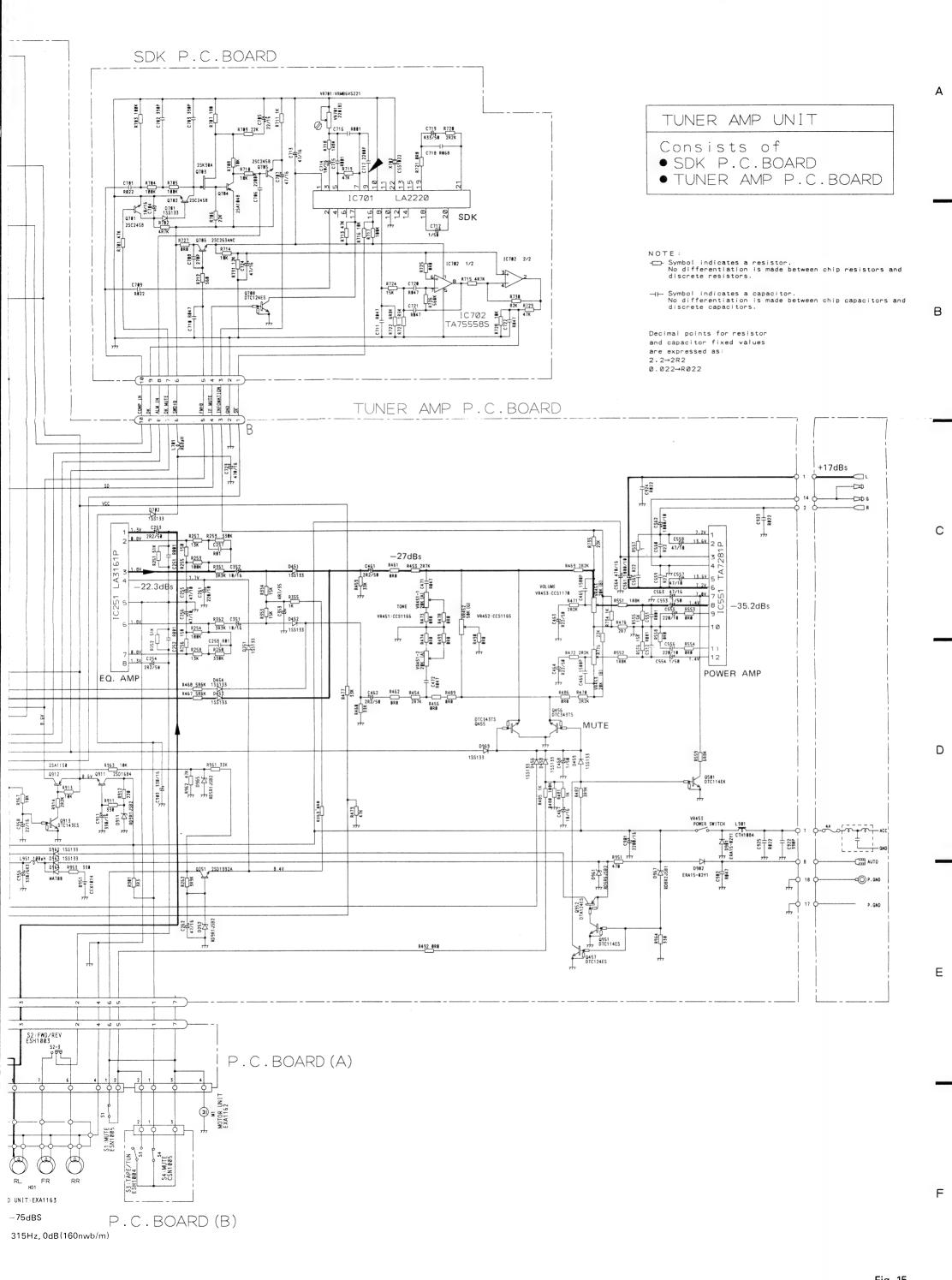
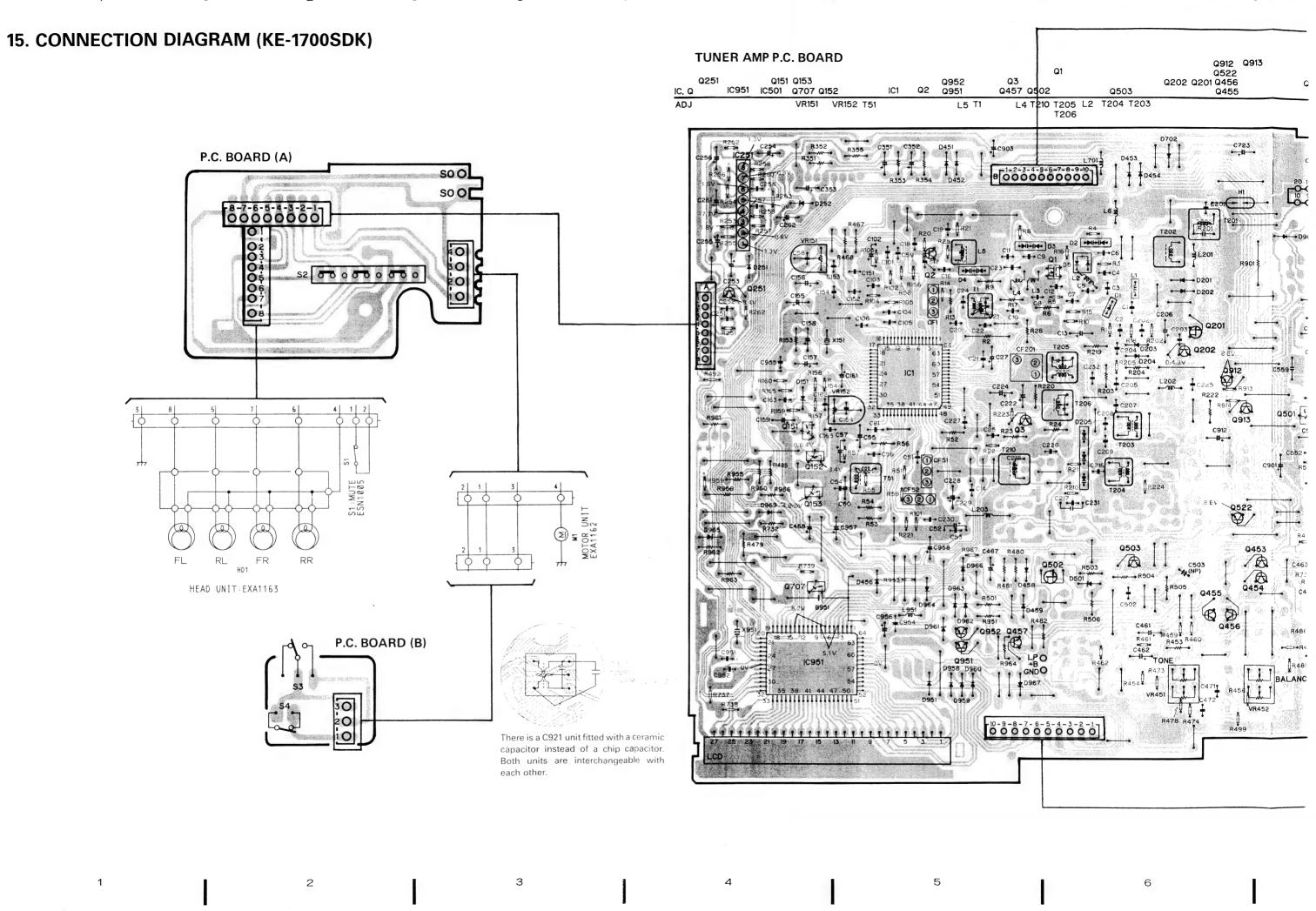
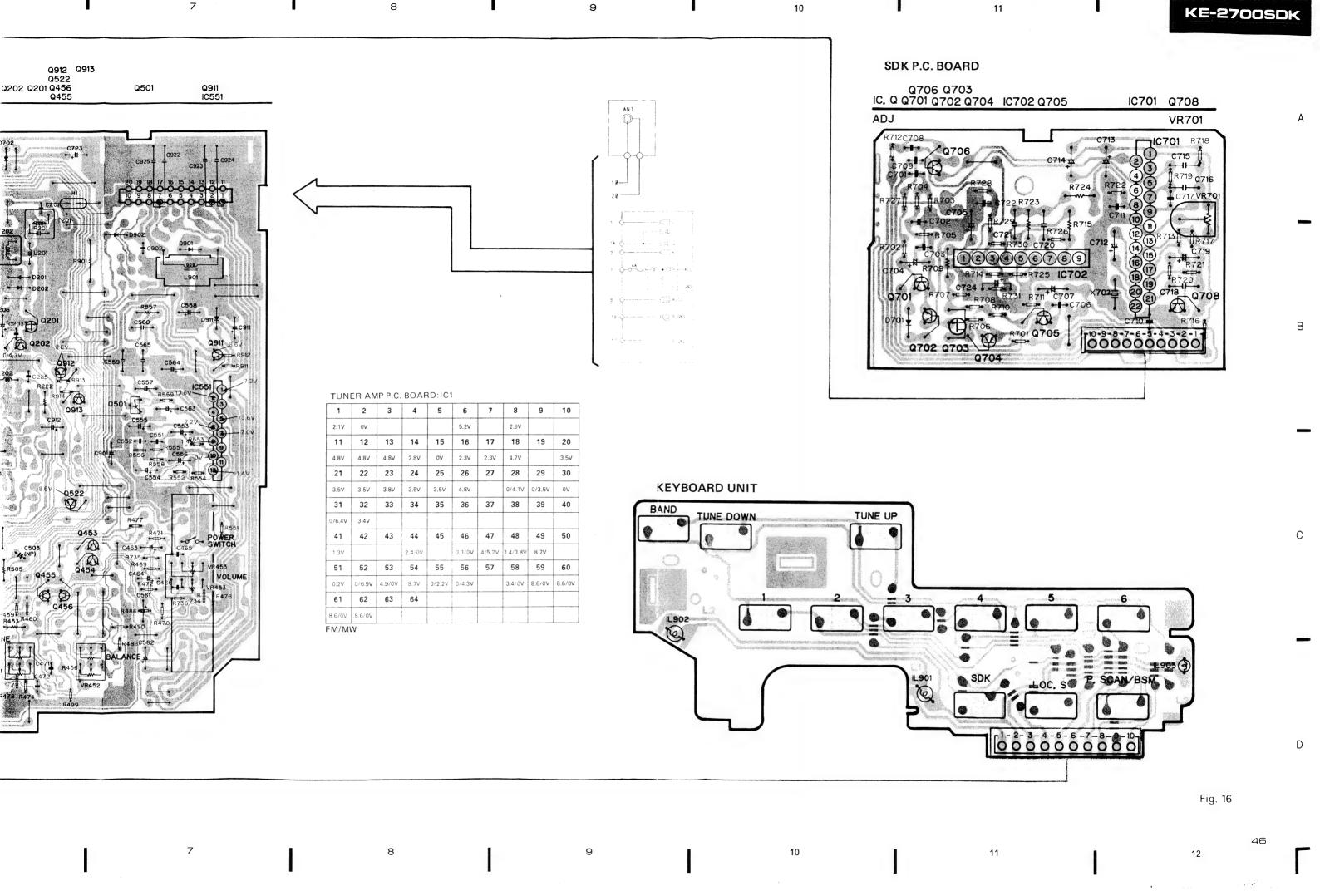


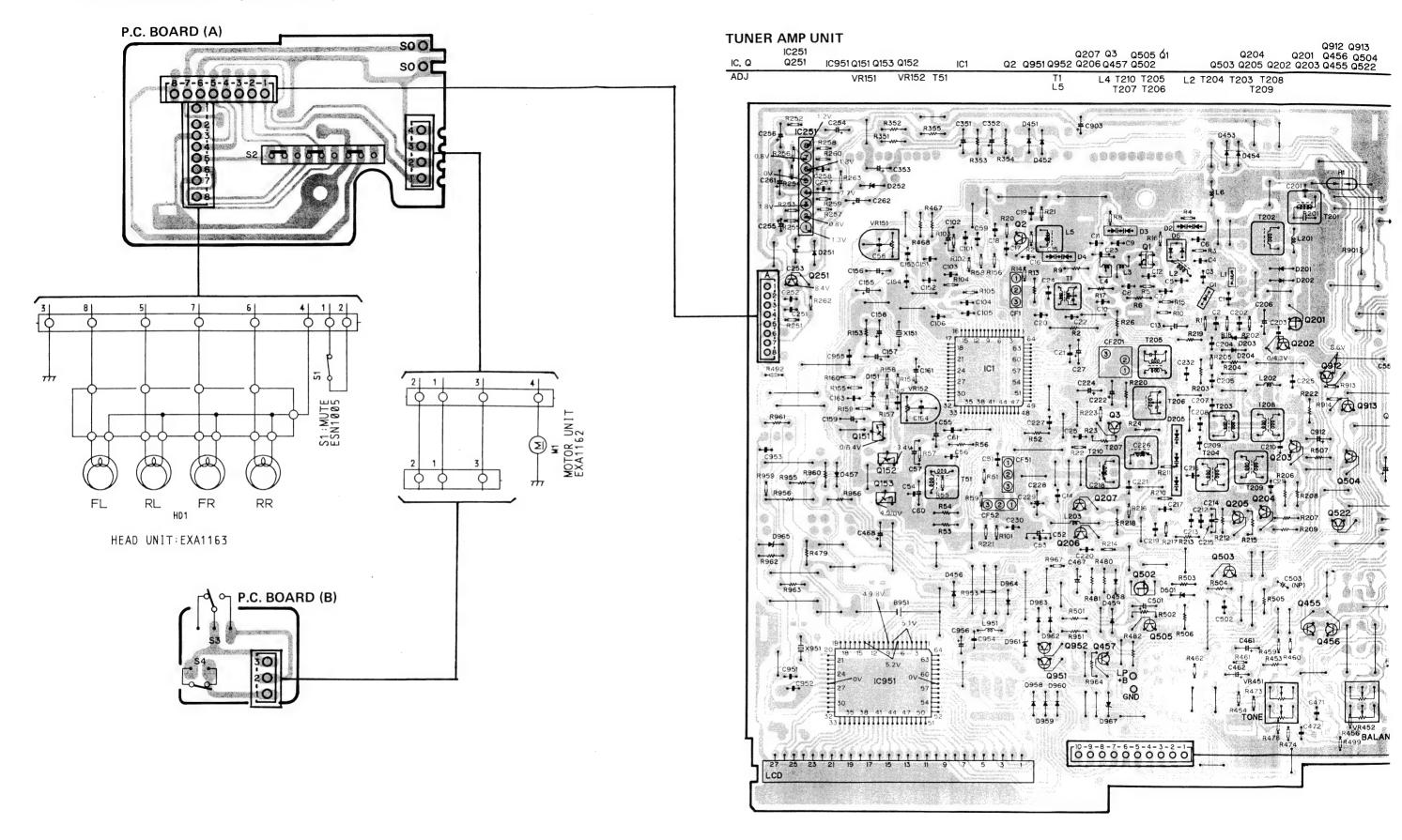
Fig. 15

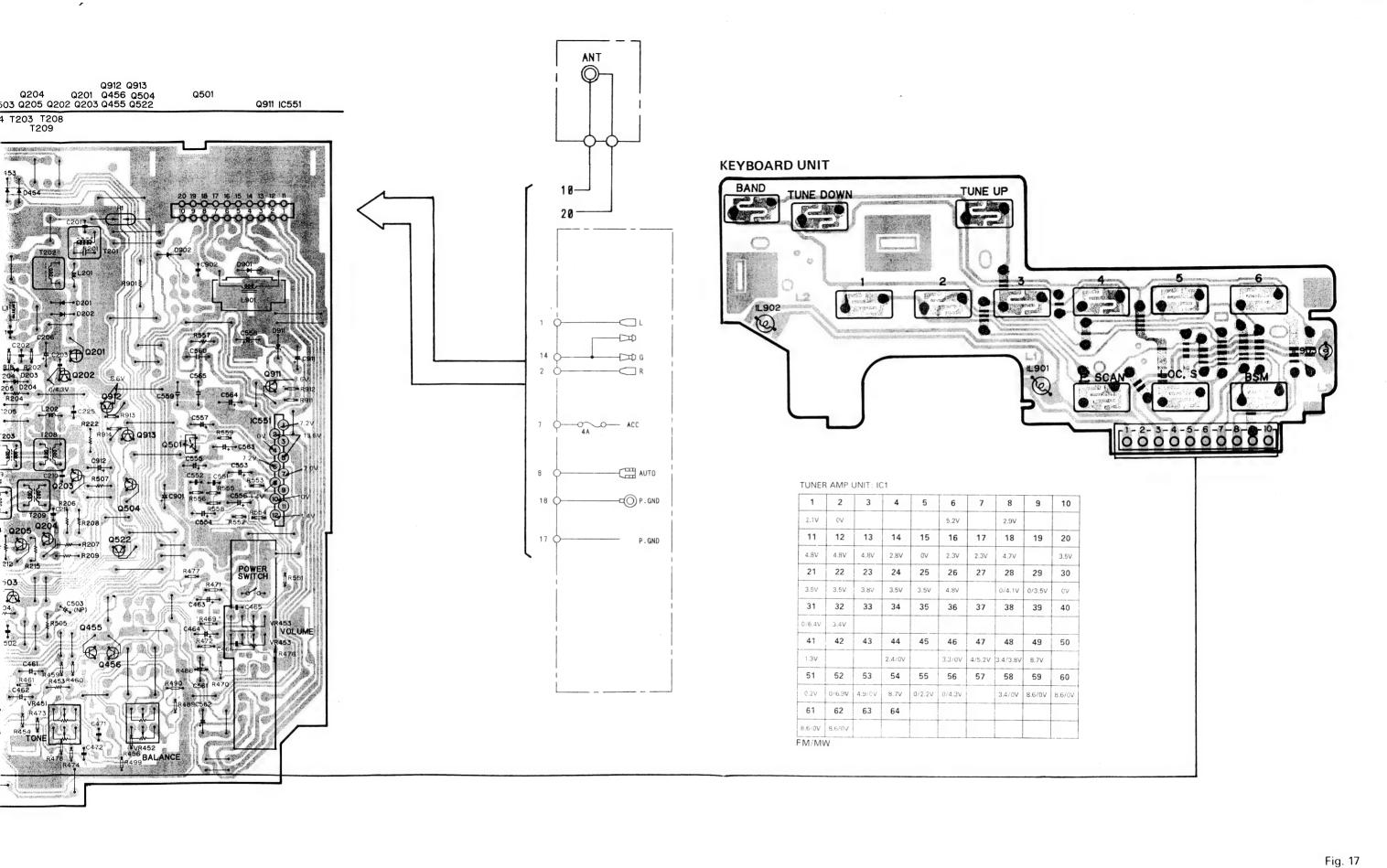




KE-2700SDK

# 16. CONNECTION DIAGRAM (KE-1730B)



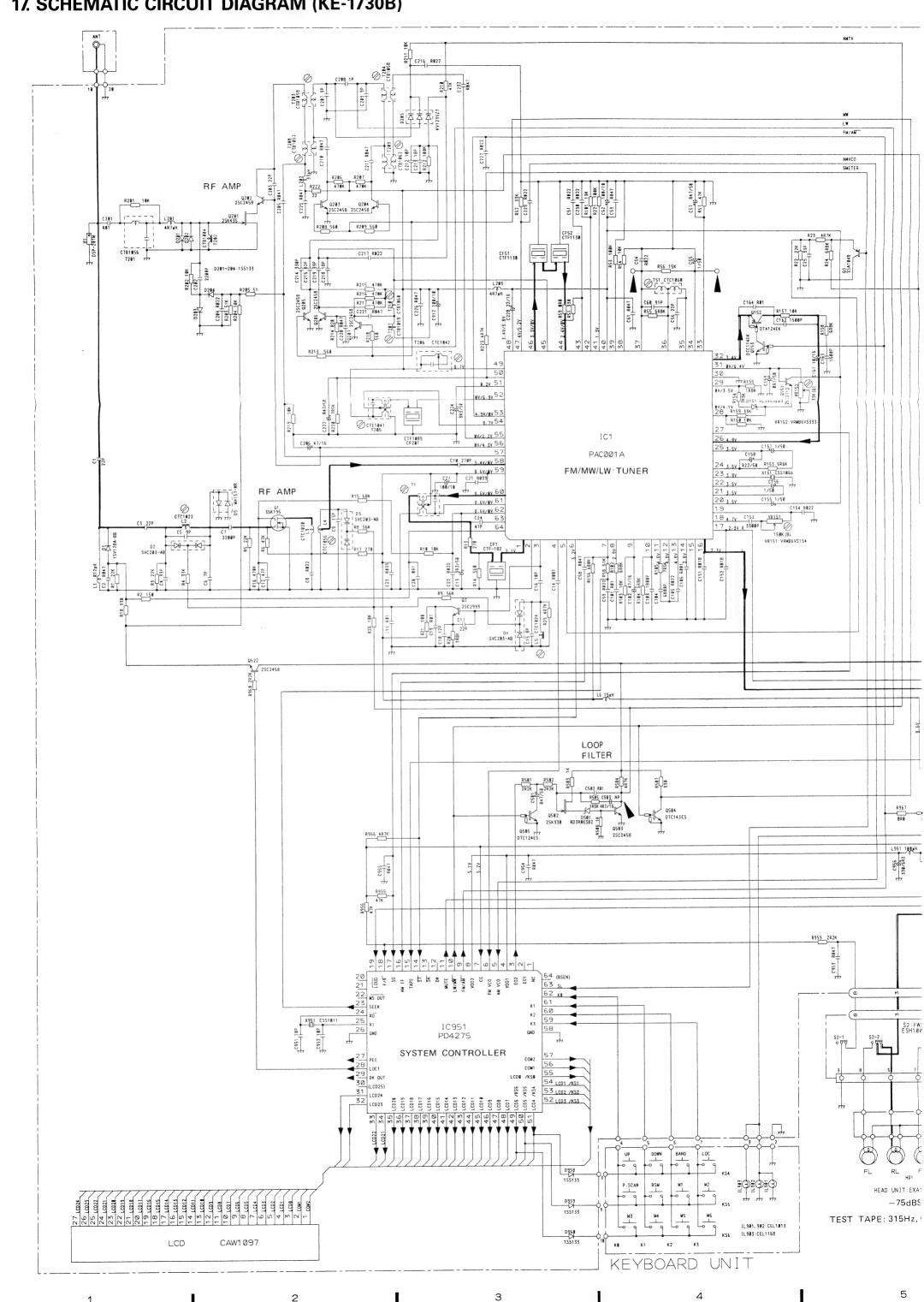


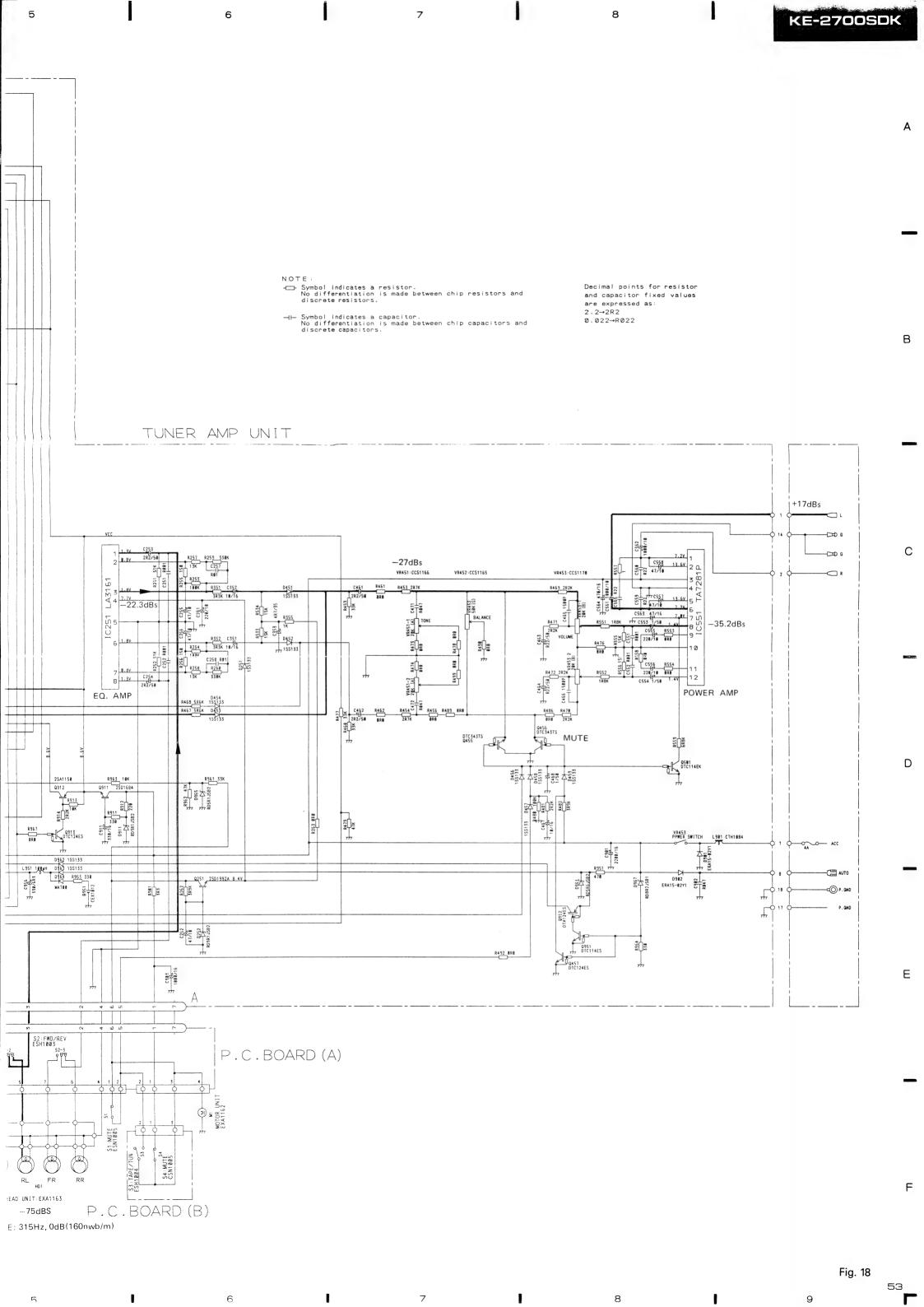
# 17. SCHEMATIC CIRCUIT DIAGRAM (KE-1730B)

1

В

С





1951 188a H S2:FWD ESH100 RL FF M2 0 9 K55 F P. SCAN HEAD UNIT: EXA1: -75dBS TEST TAPE: 315Hz, LCD CAW1097 KEYBOARD UNIT 2 3 1

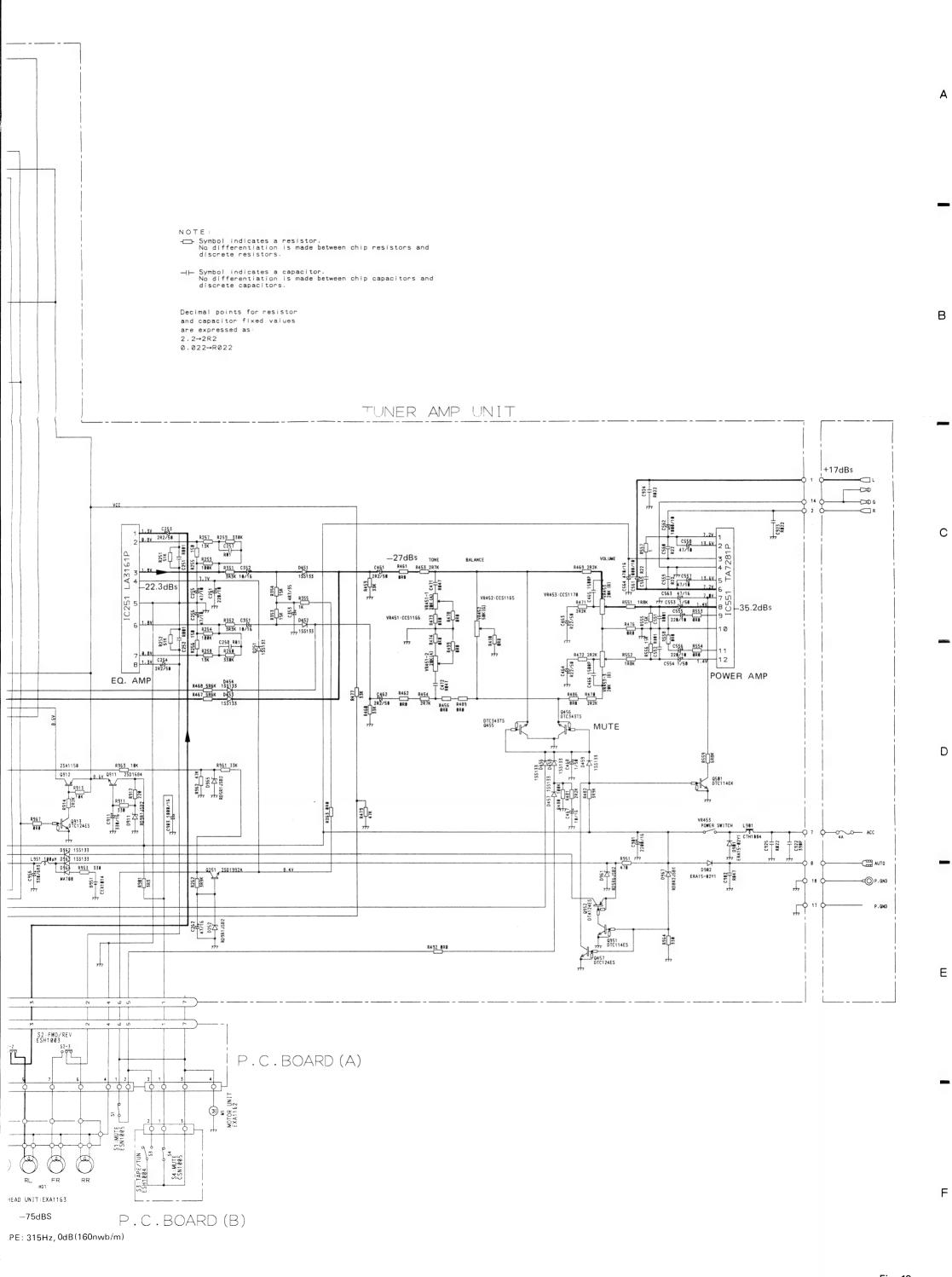
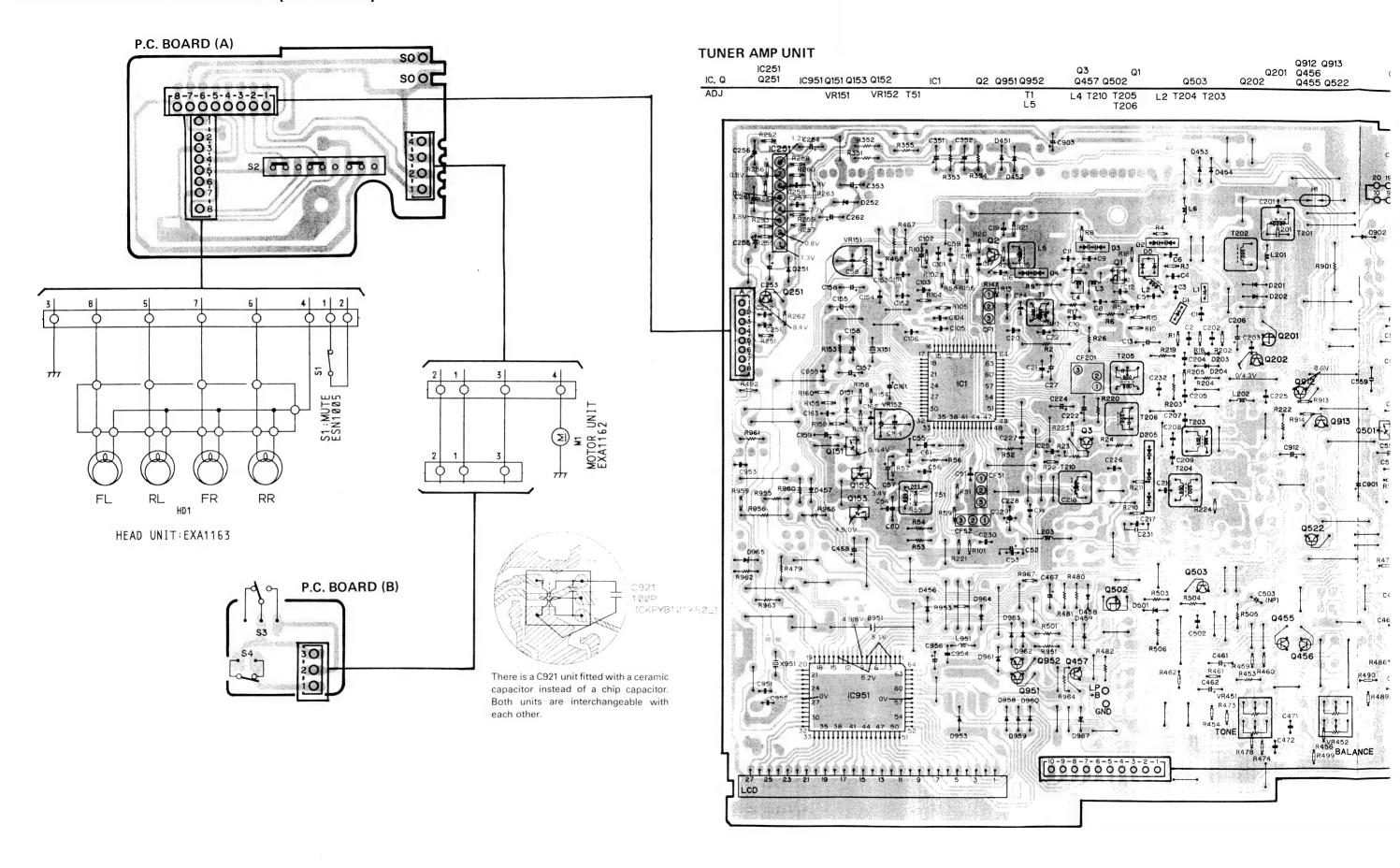
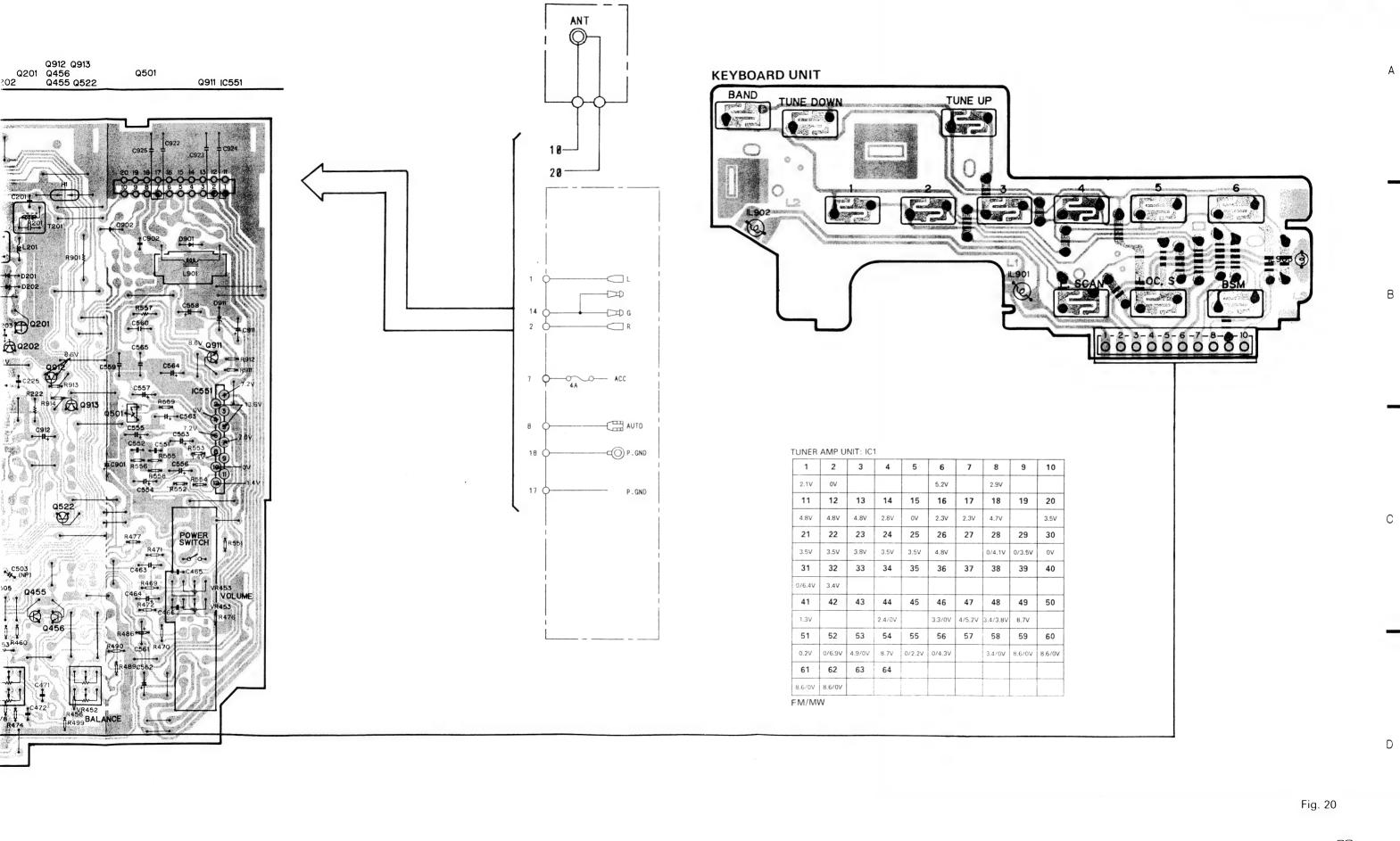


Fig. 19

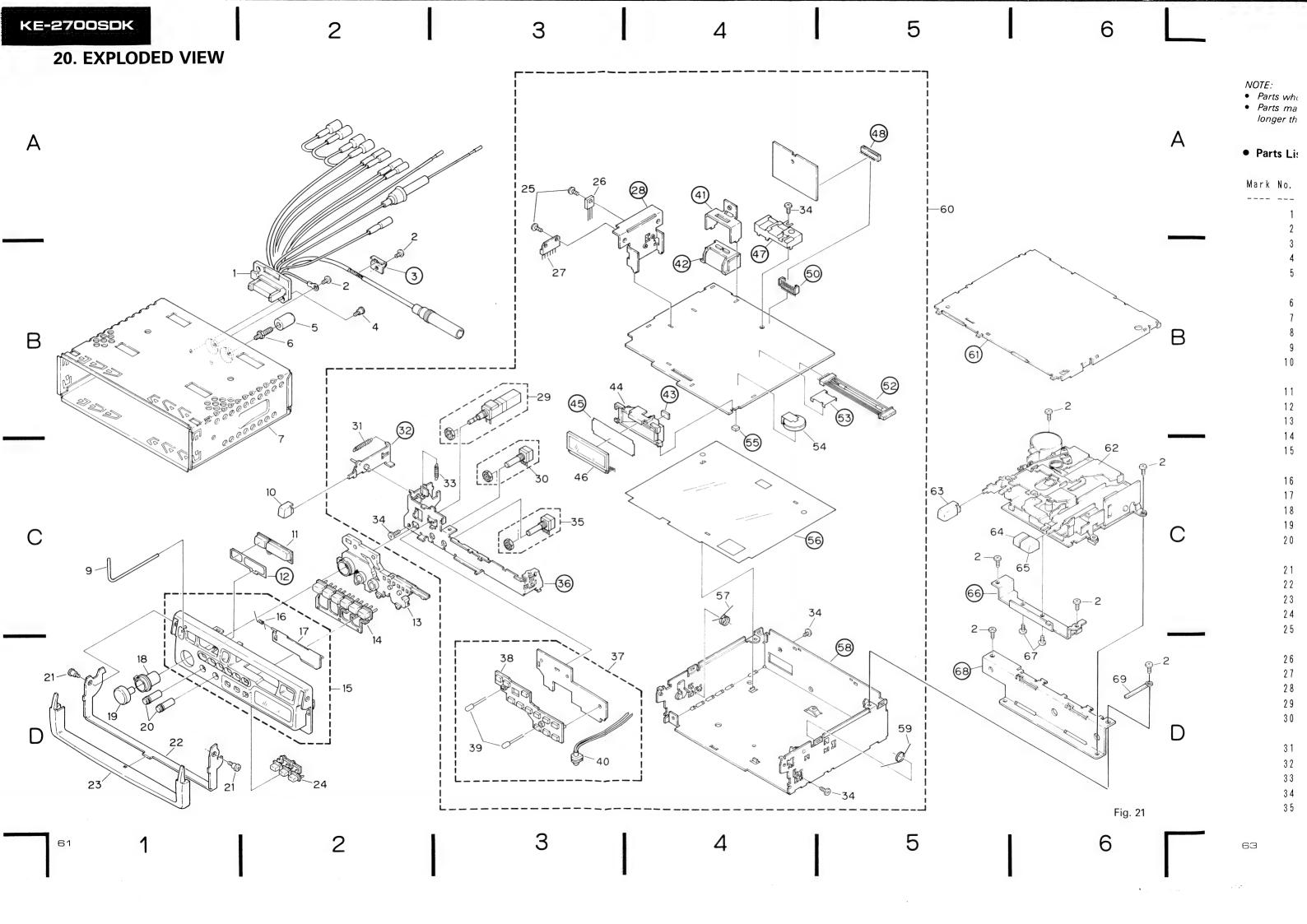
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KE-2700SDK



63

- NOTE:

   Parts whose parts numbers are omitted are subject to being not supplied.

   Parts marked by "●" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.

## • Parts List (KE-2700SDK/WG)

Mark No.	Description	Part No.	Mark	No.	Description	Part No.
1	Cord Assy	CDE 3 28 9		36	Holder Unit	
	Screw	BSZ30P060FMC	•		Key Board Unit	CWM2370
3	Clamper				Switch	CNV2519
	Screw	CBA1073			Lamp	CEL1013
5	Bush	CNV1009			Lamp	CEL1168
	Screw	CBA1002		41	Holder .	
	Вох	CNB1358		42	Connector	
_	••••				Spacer	
	Shaft	CLP1064			Holder	CNV2521
10	Button (QR EJECT)	CAC2548		45	Plate	
		C A C 2 5 4 4		46	LCD	CAW1097
	Spacer				Case	
	Lens	CNV2518			Connector	
	Button (1 — 6)				••••	
15	Grille Unit	CXA3760		5 0	Plug	
	Spring	CBH1397		51		
	Door	CAT1307		52	Connector	
		CAA1233		53	Shield	
	Knob (VOLUME)			54	Battery	CEX1014
2 0	Knob (BASS/TREBLE)	C A A 1 2 3 5		55	Cushion	
	Screw	CBA1165			Insulator	
	Handle	CNC3262		57	Spring	CBH1374
	Cover	CNV2520			Chassis Unit	
	Button	CAC2671			Spring	CBH1366
2 5	Screw	BSZ30P080FMC	•	60	Tuner Amp Assy	CWM2 463
	Transistor	2 S D 1 6 8 4			Case	
	I C	TA7281P	•	62	Cassette Mechanism	EXK1710
	Heat Sink				Assy	
	Volume (VOLUME)	CCS1163			Button (EJECT)	CAC2545
3 0	Volume (BASS)	CCS1164		6 4	Button (REW)	CAC2547
	Spring	CBH1347			Button (FF)	CAC2546
	Lever Unit				Bracket	
	Spring	CBH-846			Screw	BMZ26P040FMC
	Screw	BSZ30P055FZK			Bracket	
3 5	Volume (TREBLE)	CCS1164		69	Clamper	CEF-007

### NSP:Non Spare Part

Mark N	No. Description	KE-2700SDK /WG Part No.	KE-2730B /EW Part No.	KE-2700B /IT Part No.	KE-1700SDK /WG Part No.	KE-1730B /EW Part No.	KE-1700B /IT Part No.
	1 Cord Assy	CDE3289	CDE2975	CDE2975	CDE3290	CDE2978	CDE2978
	15 Grille Unit	CXA3760	CXA3758	CXA3759	CXA3766	CXA3764	CXA3765
	18 Knob (FADER)	CAA1233	CAA1233	CAA1233			
	29 Volume (VOLUME)	CCS1163	CCS1163	CCS1163	CCS1170	CCS1170	CCS1170
	30 Volume (BASS)	CCS1164	CCS1164	CCS1164	CCS1165	CCS1165	CCS1165
	35 Volume (TREBLE)	CCS1164	CCS1164	CCS1164	CCS1166	CCS1166	CCS1166
•	37 Key Board Unit	CWM2370	CWM2370	CWM2480	CWM2370	CWM2370	CWM2480
	39 Lamp	CEL1013	CEL1013	CEL-147	CEL1013	CEL1013	CEL-147
	40 Lamp	CEL1168	CEL1168	CEL1167	CEL1168	CEL1168	CEL1167
	48 Connector	NSP (A)		• • • • •	NSP (A)	• • • • •	• • • • •
	50 Plug	NSP (A)			NSP (A)	• • • •	
	54 Battery	CEX1014	CEX1014	CEX1014	CEX1012	CEX1012	CEX1012
	58 Chassis Unit	NSP (A)	NSP(B)	NSP(B)	NSP(C)	NSP (B)	NSP(B)
•	60 Tuner Amp Assy	CWM2463	CWM2475	CWM2460	CWM2484	CWM2478	CWM2481
	61 Case	NSP (A)	NSP(B)	NSP (A)	NSP (A)	NSP (B)	NSP(A)

# 21. PACKING METHOD

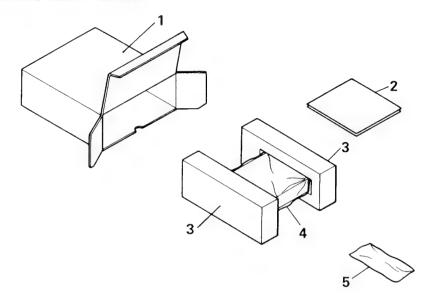


Fig. 22

### Parts List

		KE-2700SDK /WG	KE-2730B /EW	KE-2700B /IT	KE-1700SDK /WG	KE-1730B /EW	KE-1700B
Mark No.	Description	Part No.	Part No.	Part No.	Part No.	Part No.	Part No
1	Carton	CHG1857	CHG1856	CHG1858	CHG1861	CHG1860	CHG1862
* 2-1	Owner's Manual	CRD1400	CRD1398	CRD1399	CRD1400	CRD1398	CRD1399
2 – 2	Card						
2 - 3	Caution Card						
2 – 4	Passport		••••	••••		• • • • •	
2 - 5	Caution Card						
3	Styrofoam	CHP1355	CHP1355	CHP1355	CHP1355	CHP1355	CHP1355
4	Polyethylene Bag	CEG-162	CEG-162	CEG-162	CEG-162	CEG-162	CEG-162
* 5	Accessory Assy	CEA1584	CEA1584	CEA1584	CEA1584	CEA1584	CEA1584

<b>★</b> 5 Acces	sory Assy CE	A 1 5 8 4
Mark No.	Description	Part No.
5 - 1 5 - 2 5 - 3 5 - 4 5 - 5	Screw(×1) Screw(×1) Strap Bush Nut(×2)	CBA-102 CBA1002 CNF-111 CNV1009 NF50FMC
5-6	Shaft	CLP1064

### \* 2-1 Owner's Manual

Part No.	Model	Language
CRD1400	KE-2700SDK/WG KE-1700SDK/WG	German, French
CRD1398	KE-2730B/EW KE-1730B/EW	English, French, German, Norwegian, Dutch
CRD1399	KE-2700B/IT KE-1700B/IT	English, Spanish, Italian, Finnish, Swedish, Portuguese

## 22. CASSETTE MECHANISM EXPLODED VIEW

### Parts List

Mark	Νo.	Description	Part No.	Mark No.	Description	Part No.
	1	Reel Unit	EXA1167	46	Switch	ESH1004
		Gear Unit			Switch	CSN1005
			CBF1037		Screw	CBA1025
			ENV1230		Gear	ENV1229
			ENV1203		Washer	CBF1038
	o o	Gear	ENVIZOS	30	Masiles	CBITUSO
	6	Gear	ENV1204	5 1	Belt	ENT1020
	7	Gear	ENV1212	52	Gear	ENV1209
	8	Gear	ENV1211	53	Arm Unit	EXA1155
	9	Sub Chassis Unit		5 4	Washer	YE30FUC
		Arm	ENV1210	5 5	Spring	EBH1310
	11	Screw	BMZ20P025FMC	5.6	Flywheel Unit	EXA1161
		Spring		57		ENT1018
			JFZ20P040FN1		Arm	ENV1206
			ELA1220		Spring	
	15	Shaft		60	Gear	ENV1205
	16	Lever	ENC1202	6 1	Chassis Unit	
	17	Washer	EBF1015	62	Screw	JFZ20P025FNI
	1.8		ENV1268	8.3		
			EBH1313		Pulley	ENV1207
			EBH1314		••••	
	20	Spring	LDHIJI4	0.0		
	2 1	Lever	ENC1208	66		
	22	Spring	EBH1307	67	Plug	
	23	Tube		6.8	f. C. Board	
	24	Spring	EBH1306	6.9	Switch	ESH1003
				70	Washer	WH23FMC
	26	Lever	ENC1209	71	Screw	BSZ23P040FMC
	27	Spring	EBH1316	72	Screw	CBA1015
	28	Arm	ENC1222	73	Head Unit	EXA1163
	29	Spring	EBH1308	7.4	P. C. Board	ENP1042
		Washer	YE15FUC	75	Switch	ESN1005
	3 1	Arm	ENC1221	76	Washer	Y E 2 O F U C
	3 2	Spring	EBH1305	77	Pinch Roller Unit	EXA1154
	33	Frame	ENC1204	78		
	34	Arm	ENC1215	79		
		Shaft	ELA1251	8 0	Arm	ENC1213
	3.6	Holder	ENC1205	0 1	Screw	CBA1038
		Spring	EBH1344		Arm	ENV1227
		Lever	ENV1222		Spring	EBH1312
		Head Base Unit	EXA1152		Arm	ENC1212
	40	Tube		8 5	Spring	EBH1309
	41	Spring	EBH1315	86	lever	ENC1206
		Motor Unit	EXA1162	87	Spring	EBH1309
		Screw	PMS26P025FUC		Lever	ENC1207
		Screw	CBA1054			
		P. C. Board	VUNIVVT		Pinch Roller Unit	EXA1153
	7 3	1. v. bvai u		30	TARGE NOTTEL BUILD	LANTIUS

### Cassette Mechanism Assy

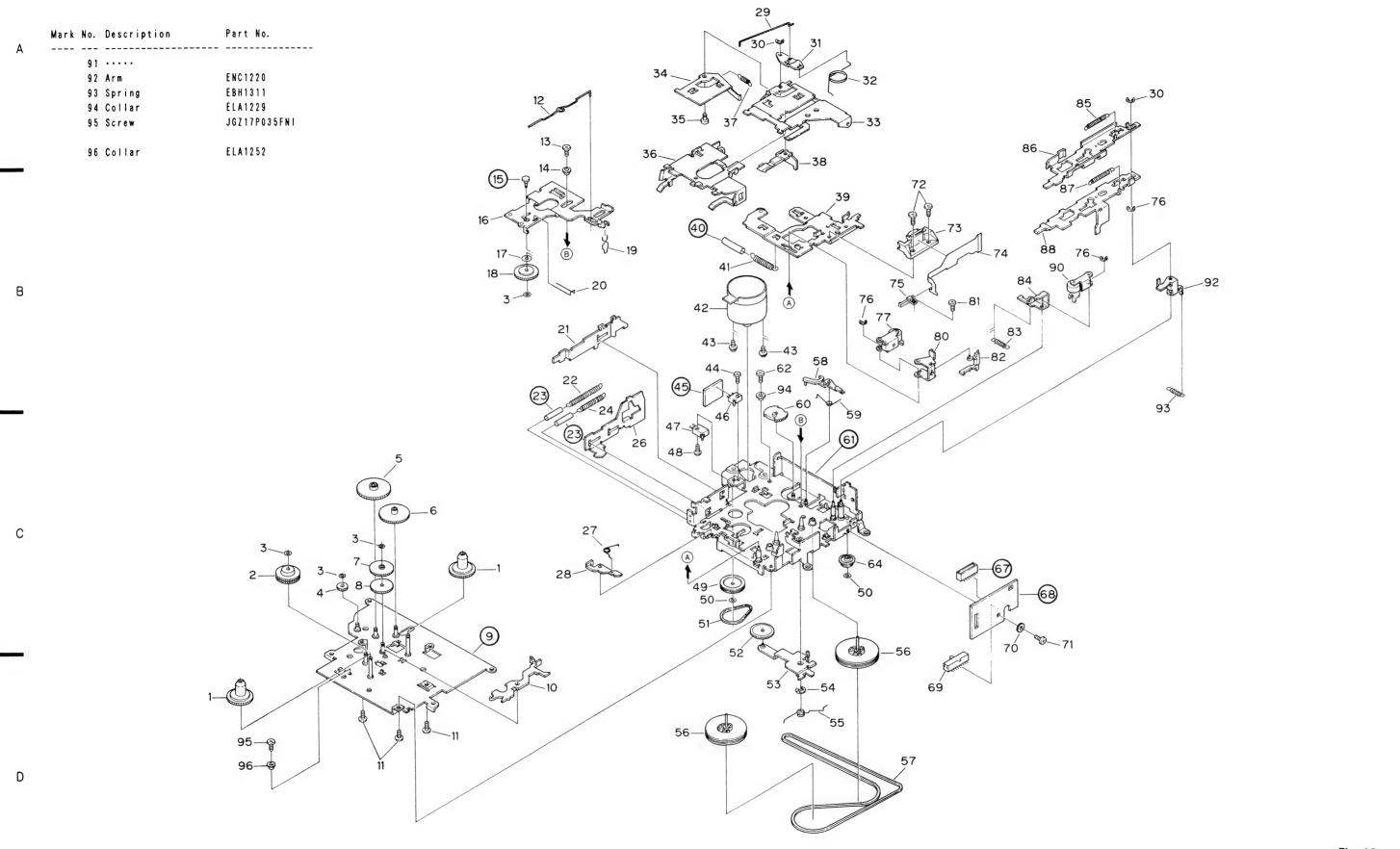


Fig. 23

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# 23. ELECTRICAL PARTS LIST

#### NOTE:

- Parts whose parts numbers are omitted are subject to being not supplied.
  The part numbers shown below indicate chip components.

Chip Resistor

RS1/8S \( \square\) \( \square\) RS1/10S \( \square\) \( \square\) Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

Unit Number:	00 17000 (FW)						ool & No. ==== Part Name	
Unit Name : Keyboard Unit (KE-2700SDK, 1700SDK/WG, KE-273		10	951					PD4275
Mark ===== Circuit Symbol & No. ==== Part Name		Q					Chip Transistor	3 S K 1 9 5
L 901 902 Lamp 14V 40mA								2 S C 2 9 9 9
1L 903 Lamp 14V 40mA	CEL 1013	u	151	104			Ohio Torrioto	2 S A 1 0 4 8
IC 903 Camp 144 40mA	CELIIOS	0	191				Chip Transistor	2802712
Haia Nostan		0	152				Chip Transistor	DTA124EK
Unit Number:		0	153	501			Chip Transistor	DTC114EK
Unit Name : Keyboard Unit (KE-2700B, 1700B/IT)		_	201	451	450			2 S K 4 3 5
Mark ===== Circuit Symbol & No. ==== Part Name			251	401	402	503	522 701 702 705	2 S C 2 4 5 8 2 S D 1 9 9 2 A
iL 901 902 Lamp 14V 40mA	CEL-147		455	456				DTC343TS
IL 903 Lamp 14V 40mA		Q Q						DTC124ES
•			502					2SK330
		Q						2 S K 3 O A
Unit Number:		Q	706					2SC2634NC
Unit Name : P. C. Board (A)		-						1001004110
		0	707					2502712
Mark ===== Circuit Symbol & No. ==== Part Name			911					2SD1684
		Q	912					2SA1150
S 2 Switch (FWD/REV)	ESH1003	Q	913					DTC143ES
		Q	951					DTC114ES
Unit Number:		Q	952					DTA124ES
Unit Name : P.C.Board(B)		D	1				Chip Diode	1SV128A-BB
			2	3	4		Variable Capacitance Diode	SVC203-AB
Mark ====== Circuit Symbol & No. ==== Part Name	Part No.	D	5				Chip Diode	MA157-MR
		D	151					HZS4R3EB3
	ESH1004							
S 4 Switch (MUTE)	CSN1005	D	201	202	203	204	251	1\$\$133
		D	205				Variable Capacitance Diode	KV1235Z3
		D	252	911				RD9R1JSB2
Miscellaneous Parts List				452	453	454	456 458 459 701 702	188133
Mark ====== Circuit Symbol & No. ==== Part Name	Part No.	D	501					RD3R0ESB2
		-÷ D	901	902				ERA15-02Y1
S 1 Switch (MUTE)	ESN1005	D	951	958	959	960	962 963 966 969	1\$\$133
M 1 Motor Unit	EXA1162	D						RD5R6JSB2
HD 1 Head Unit	EXA1163	D	964					MA700
		D	965					RD5R1JSB2
		D	967					RD8R2JSB1
Tuner Amp Unit		L	1				Inductor 0.12 µ H	CTF1065
		L	2				Coil	CTC1022
Consists of		L	3				Coil	CTC1020
SDK P. C. Board (KE-2700SDK, 1700SDK)     Tuner Amp P. C. Board		L	4				Coil	CTC1056
- runer Amp 1. C. Budiu		L	5				OSC Coil	CTC1024
		Ł	6				Inductor 15 µ H	LAU150K
Unit Number:		l	201				Ferri-Inductor 4.7μH	LAU4R7K
Unit Name: Tuner Amp Unit (KE-2700SDK/WG)		L	202				Ferri-Inductor 33μH	F A R 3 3 0 K
		L	203				Ferri-Inductor 4.7μH	CTF-161
MISCELLANEOUS		Ł	701				Micro-Inductor 0.68µН	LAUR68M
		Ĺ	901				Choke Coil	CTH1084
Mark ====== Circuit Symbol & No. ==== Part Name	Part No.	L	951				Ferri-Inductor 100μΗ	LAU101K
		1	1				Coil	CTC1064
10 1	PAC001A	T	51				Coil	CTC1060
IC 251	LA3161P							
IC 551	TA7281P							
10 701	LA2220							
IC 702	TA75558S							

Mark ==							==== Part Name	Part No.				ircuit					Part No.
Ţ	201				Coil			CTB1056	R	160							 RS1/10S103J
T	202				Coil			CTB1008	R	203							RD1/4PS513JL
T	203	204			Coil			CTB1058	R	205							RS1/10S510J
ī	205				Coil			CTE1041	R	211							RS1/10S103J
Ţ	206				Coil			CTE1042	R	220							RD1/4PS752JL
																	,
T	210				Coil			CTB1061	R	221							RS1/10S104J
CF	1				Cera	mic F	ilter	CTF-182	R	222							RD1/4PS220JL
CF	51	52			Cera	mic F	ilter	CTF1130	R	224							RS1/10SOROJ
CF	201				Filt	er		CTF1085	R	251	252						RS1/10S513J
H	1				Surg	e Pro	tector	DSP-201M	R	253	254	703	704	705	717	739	RS1/10S104J
Х	151						esonator	C\$\$1066	R								RS1/10S151J
Х	702				Cera	mic R	esonator.	CSS1022	R	257							RS1/10S133J
Х	951				Crys	tal R	esonator	CSS1011	R	259	260						RS1/10S334J
VR							d 150kΩ(B)	VRMB6VS154	R	262							RS1/10S392J
VR	152				Semi	-fixe	d 33kΩ (B)	VRMB6VS333	R	263	492						RS1/8SOROJ
V.D.	451	150			V = 1	20	LO (III)	0001164	D	251	252	255	E 0 2	506			DD1/4D01A044
	451		.l	/6			kΩ (U) 50kΩ (C) 20kΩ (D)	CCS1164	R		332	3 3 3	503	300			RD1/4PS102JL
V R	453	V	rume	1/2MI			50kΩ (G), 20kΩ (B)		R	452	064						RS1/10S473J
	701						d 220Ω(B)	VRMB6VS221		453	904						RD1/4PS331JL
В	951				Batt	ery		CEX1014	R	454							RS1/10S331J
					LCD			CAW1097	R	455							RD1/4PS182JL
RESISTO	25								R	456	551	552					RS1/10S182J
n L J I J I U I									R			960					RD1/4PS222JL
WL		¢:	:.	C L	-10	41.	Dank Han.	D A M -		461		300					
mark ==:		UIT(					==== Part Name 	Part No.	R R	463							RS1/10S474J RS1/8S132J
R	1	,		706					R	467							RD1/4PS103JL
R	2	3	J	100	130			R\$1/10\$223J	"	401	400						ND 17 41 3 10 3 3 L
R	-	159 4	160					RD1/4PS151JL RS1/10S333J	R	469	470						RS1/8S102J
R								•	R	471							RS1/8S222J
R	8	179 9	902					RD1/4PS473JL	R	476	412						RS1/10S2R2J
n	٥							R\$1/10\$563J	R	477							
•	^							004/40050044	R	481	425						RS1/10S333J RD1/4PS102JL
R R	9 10			200	714	710	344	RD1/4PS563JL	"	401	403						ND1/4/31023L
R	13	191 4	201	202	/14	716	128	RS1/10S103J	R	482							RD1/4PS392JL
R	14							RD1/4PS271JL RS1/10S561J	R	483	484						RS1/10S561J
R	15							RS1/105683J	R			488	553	554	558	721	RS1/10S0R0J
n	13							W21/1020022	R	501	401	400	000	004	• • •	721	RD1/4PS472JL
R	16							RS1/10S474J	R		715	955	966				RD1/4PS472JL
R	17							RD1/4PS271JL									,
R		165	166					RS1/10S331J	R	505	723						RD1/4PS152JL
R	20							RS1/10S182J	R	555							RS1/10S153J
R	21							RS1/108101J	R	557	•••						RD1/4PS010JL
								10171001013	R	559							RS1/10S682J
R	22							RS1/10S223J	R	707							RS1/10S181J
R	23							RD1/4PS472JL									110171001013
R	24							RD1/4734723L	R	708	710	711	734				RS1/10S102J
R		23 7	702						R	709		,,,	104				
R		04 2		0 6 3				RS1/10S472J	R	712	102						RD1/4PS223JL
n	20			203				RD1/4PS103JL	R	720							R\$1/10\$561J R\$1/10\$222J
R	51							RS1/10S331J	R	725	727						RS1/10S0R0J
R	52							RD1/4PS333JL									I TOO NO
R	53	180						RD1/4PS104JL	R	726							RC1/10CEE41
R	54							RD1/4PS103JL	n R	730							RS1/10S564J
R	55	122							r R	731							RS1/10S823J
n	33	11						RS1/10S682J	r R	735							RS1/10S123J
R	56 1	353 3	15.4	724				RD1/4PS153JL	r R	737							RS1/8S223J
R					712	719	729	RS1/10S473J	-1	, , ,							RS1/8S473J
R	58							RS1/10S513J	R	738							RS1/8S103J
R	59							RS1/10S0R0J	R	901							RD1/2PS3R3JL
R	101							RS1/10S133J	R	911							
••									R	912							RS1/10S331J
R	102							RS1/10S682J	R	913	967						RS1/10S221J RS1/10S103J
R	103							RS1/10S183J			551						NO 17 100 1000
R	104							RS1/10S682J	R	914	959						RS1/10S222J
R	105							RS1/105752J	n R	951	J U 3						
R	153							RD1/4PS562JL	R	953							RD1/4PS471JL
п	100							nu1/4r3302JL	R R	956							RS1/10S331J
R	154							R\$1/10\$332J	R	961							RD1/4PS473JL RD1/4PS333JL
R	155	118						RS1/1053323		- • •							
R	156							RS1/10S684J									
R	158							RS1/10S682J									
R	159							RS1/10S333J									
-																	

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	ORS														==== Part Name	Part No.
k ===	=====	= C i	rcuit	Symb	01 &	No.	====	Part Name	Part No.	C	503			4. 7 μ F/1	6 V	CCH1005
										C	551	552				CKSQYB102K5
C	1	3	17	56	203				CCSQCH220J50	C	553	554				CEA010M50L2
С	2	53	58	205	226	710	902		CKSQYF473Z50	C	559	560	565			CQEA224J63
č	4	25	469	470			***		CCSQCH330J50	C	561	562				CEA102M10L2
c	5		209	410					CCSQTH090D50	·		***				00010201002
c	6	201	203						CCSQTH070D50	c	564					CC4421W1612
Ü	0								CCSGIUOLODSO	C		7 0 2				CEA471M16L2
_	_		700	247					0000000000000			703				CKSQYB391K5
C	7		706	/1/					CKSQYB222K50	C	708					CCSQSL271J5
C	8	22							CKSQY8223K50	C	712					CEADIOMSOLS
С	9								CCSQTH150J50	C	115	718				CQMA102J50
С	10								CCSQSL271J50							
С	11								CKSQYB103K50	C	718					CQMA683J50
										C	719					CEAR33M50LS
C	12								CCSQCH470J50	C	720	721				CQMA473J50
C	13	224							CEA3R3M50LS	C	723					CEA471M16L2
C	14								CKSQY8102K50	C	901					CEA222M16L2
C	15								CCSQCH080D50	C	903					CEA331M16L2
С	16								CCSQCH100D50	C	911					CEA331M16L2
										С	921					CCSQSL101J5
С	18								CCSQCH120J50	c	922					CKDYB391K50
Ċ	19	101	164	201	502				CKSQYB103K50	C	923	924	925			CKPYF223Z25
C	20				***				CKSQYF104Z50	C	926	927				CKPYF223Z25
C		23							CKSYB393K50	C		952				
	21	23										3 2 7				CCSQCH100D5
С	24								CCSQCH470J50	С	955					CKSQYF473Z5
										C	956					CEA331M6R3L
C	27	52	912						CEATOIMIOLS	C	958					CEA220M16LS
C	51	54	59	105	154	204	216	227	CKSQY8223K50							
C	5.5	155	156	157					CEA010M50LS2	Tuner A		t				
C	57								CEAR47M50LS2	MISCELL	ANEOUS					
C	60								CCDLH910J50					KE-2700SDK/WG	KE-27308/EW	KE-2700B/IT
С	61	954							CKSYB473K50	Circui	. Cvmh	A 1 &	**	Part No.	Part No.	Part No.
C	102	206	563	707	713	724			CEA470M16LS	-				1011 00.	1.1.1.1.1.1	
C	103								CKSQYB182K50	10701				LA2220		
C	104								CKSQYB682K50	10702				TA75558S		
C	106								CKSQYB102K50	0203.2	4. 205.	206.	207		2802458	
										.0504					DTC143ES	****
С	151	152							CKSQYB183J50	Q505					DTC124ES	****
Č	153								CKSQYB332K50	0701, 7	2.705			2SC2458		
c	158								CEAR22M50LS2						.	
c									CEAORIM50LS2	0703				25K30A	•••••	
	159	45.5	450	467	704	214				0704				25A1048	*****	
С	161	401	452	40/	104	/ / 4			CEA100M16LS2	0706				2SC2634NC	•••••	*****
									*******	0707				2502712		*****
С		163							CKSQYB152K50	0708				DTC124ES		
C	165								CKSQYB102K50							
C	208								CCSOCHO10C50	0913				DTC143ES	DTC124ES	DTC124ES
C	217								CCSQRH101J50	D457					155133	155133
C	218								CCSQUJ180J50	D701.70	2. 951.	900.	3 9 9	155133		
										D953				LAUDERN		188133
С	222	455	456						CEAR47M50LS2	L701				LAURESM		1
Ċ			711	722					CKSQYB473K25	1202				CTB1008	CT81004	CTRICAL
Č		705							CEA220M16LS	T202				CIBIOOR	CTB1004	CTB1008
C			701	710					CKSQYB223K50	T207 T208. 20	0				CTB1059 CTB1062	
C	231	200								7210	4					I .
·	231								CQPA431G2A	X702				CTB1061	CTB1060	CTB1061
									AVAA	107				CSS1022	1	1
С	-	252							CKSQY8102K50	VR701				VRMB6VS221		
		254	957						CEA2R2M50LS2	17,101				**************************************	1	
C	255								CEA470M10LS							
C	233	262	557	558					CEA470M10L2	RESISTORS						
-									CKSQYB103K50						<del>,</del>	
C	256	258												KE-2700SDK/WG	KE-2730B/EW	KE-2700B/1T
c c <b>c</b>	256 257								CEA221M10L2 CEA100M16L2	Circuit	Symbo	1 & 1	ío.	Part No.	Part No.	Part No.
C	256 257 261	258 555 352	556							-					t .	1
C C C	256 257 261	555	556						CEA4R7M35L2							
C C C C	256 257 261 351 353	555 352	556							R205.20				• • • • •	RD1/4PS474JL	
C C C C C C	256 257 261 351 353 453	555 352 454	556						CEAOR1M50LS2	R208. 20		218			RD1/4PS474JL RD1/4PS561JL	
C C C C	256 257 261 351 353 453	555 352	556							R208, 20 R212		218		•••••		
C C C C C C	256 257 261 351 353 453 457	555 352 454 458	556						CEAORIM50LS2 CKSQYB153K50	R208, 20 R212 R214	213.	218		*****	RD1/4PS561JL	
0 0 0 0 0 0	256 257 261 351 353 453 457	555 352 454 458	556						CEAOR1M50LS2 CKSQYB153K50 CKSYB393K25	R208, 20 R212	213.	218		•••••	RD1/4PS561JL RD1/4PS104JL	
	256 257 261 351 353 453 457 459 461	555 352 454 458 460 462	556						CEAORIM5OLS2 CKSQYB153K5O CKSYB393K25 CEALNP2R2M35	R208, 20 R212 R214 R216, 21	213.	218		*****	RD1/4PS561JL RD1/4PS104JL RS1/10S821J	
	256 257 261 351 353 453 457 459 461 463	555 352 454 458 460 462 464	556						CEAOR1M50LS2 CKSQYB153K50 CKSYB393K25 CEALNP2R2M35 CEAR22M50L2	R208. 20 R212 R214 R216. 21	3, 213.	218		  RS1/1050R0J	RD1/4PS561JL RD1/4PS104JL RS1/10S821J	
	256 257 261 351 353 453 457 459 461 463	555 352 454 458 460 462	556						CEAORIM50LS2 CKSQYB153K50 CKSYB393K25 CEALNP2R2M35 CEAR22M50L2 CKSQYB152K50	R208. 20 R212 R214 R216. 21 R224 R463. 464	3, 213.	218		R\$1/30\$0R0J	RD1/4PS561JL RD1/4PS104JL RS1/10S821J RS1/10S474J	
	256 257 261 351 353 453 457 459 461 463	555 352 454 458 460 462 464	556						CEAOR1M50LS2 CKSQYB153K50 CKSYB393K25 CEALNP2R2M35 CEAR22M50L2	R208. 20 R212 R214 R216. 21	3, 213.	218		  RS1/1050R0J	RD1/4PS561JL RD1/4PS104JL RS1/10S821J RS1/10S474J	RS1/10S0R0J

	KE-2700SDK/WG	KE-27308/EW	KE-2700B/IT
Circuit Symbol & No.	Part No.	Part No.	Part No.
R501	RD1/4P\$472JL	RD1/4PS222JL	RD1/4PS472JE
R502		RD1/4PS222JL	
R507		RD1/4PS331JL	• • • • • • • • • • • • • • • • • • • •
R701, 713, 719, 729	RS1/10S473J		
R702	R\$1/10\$472J		••••
R703, 704, 705, 717	R\$1/105104J		
R706, 736	RS1/10S223J		
R707	RS1/10S181J		
R708, 710, 711, 734	RS1/105102J		
R709, 732	RD1/4PS223JL	••••	
R712	RS1/10S561J		
R714, 716, 728	R\$1/105103J		
R715, 955	RD1/4PS472JL		
R718	RS1/10S182J		
R720	RS1/10S222J		•••••
R721	R\$1/1050R0J		
R722	R\$1/10\$682J		
R723	RD1/4PS152JL		
R724	RD1/4PS153JL		
R725. 727	RS1/10SORCJ	••••	
R726	RS1/105564J		
R730	RS1/10S823J		••••
R731	R\$1/10\$123J		
R735	RS1/8S223J	• • • • •	• • • • • • • • • • • • • • • • • • • •
R737	RS1/85473J		
R738	RS1/8S103J		
R739	RS1/10S104J		••••
R955		RD1/4PS473JL	RD1/4PS473JL
R967	RS1/10S103J	RS1/10S0R0J	RS1/1050R0J

CAPACITORS
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	KE-2700SDK/WG	KE-2730B/EW	KE-2700B/IT	
Circuit Symbol & No.	Part No.	Part No.	Part No.	
C165	CKSQYB102K50			
C210, 211, 220, 221		CKSQYF473Z50		
C212		CCSQRH101J50		
C213		CCSOCH180J50		
C214		COPA331G2A		
C215		CCSQRH820J50		
C217	CCSORH101J50	CKSQYB223K50	CCSQRH101J50	
C219		CCSQSH390J50		
C231	CQPA43162A		CQPA431G2A	
C 5 0 1	••••	CEAR47M50LS2	••••	
C701, 709	CKSQYB223K50			
C702, 703	CKSQYB391K50			
C704, 714	CEA100M16LS2			
C705	CEA220M16LS			
C706, 717	CKSQYB222K50			
C707, 713, 724	CEA470W16LS			
C708	CCS0SL271J50		•••••	
C710	CKSQYF473250			
C711, 722	CKSQYB473K25		• • • • •	
0712	CEA010M50LS2			
C715, 716	CQMA102J50			
C718	CQMA683J50		• • • • • • • • • • • • • • • • • • • •	
C719	CEAR33M50LS2			
C720. 721	CQMA473J50			
C723	CEA471M16L2	••••	••••	
C903	CEA331M16L2	CEA102M16L2	CEA102M16L2	
C921	CCSQSL101J50		CCSQSL101J50	
C922	CKDY8391K50		CKDY8391K50	
C923, <b>924, 9</b> 25	CKPYF223225L		CKPYF223725L	
C926. 927	CKPYF223225L		CKPYF223Z25L	
C953		CKSQYF473250	CKSQYF473Z50	
C957	CEA2R2M50LS2			
C958	CEA220M16LS			

Unit Number : Unit Name : Tuner Amp Unit (KE-1700SDK/WG)

MISCELLANEOUS

D 965

D 967

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L 951

T

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201 L

202 L

203

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10	1									PACOUIA
10	251									LA3161P
10	551									TA7281P
ł C	701									L A 2 2 2 0
1 C	702									TA75558S
10	951									PD4275
Q	- 1				Chip	Tra	nsisto	r		3 S K 1 9 5
۵	2									2 S C 2 9 9 9
0	3	704								2 S A 1 0 4 8
0	151				Chip	Tra	nsisto	r		2802712
Q	152				Chip	Tra	nsisto	r		DTA124EK
Q	153	501			Chip	Tra	nsisto	r		DTC114EK
Q	201									2 S K 4 3 5
Q	202	503	522	701	702	705				2 S C 2 4 5 8
Q	251									25D1992A
Q	455	456								DTC343TS
Q	457	708								DTC124ES
Q	502									2 S K 3 3 0
0	703									2 S K 3 O A
Q	706									2 S C 2 6 3 4 N C
Q	707									2502712
Q	911									2 S D 1 6 8 4
0	912									2 S A 1 1 5 0
Q	913									DTC143ES
Q	951									DTC114ES
0	952									DTA124ES
Đ	1				Chip	-				1 S V 1 2 8 A - B B
D	2	3	4					itanc	e Diode	SVC203-AB
D	5				Chip	Dio	d e			MA157-MR
D	151									HZS4R3E83
D		202	203	204	251					188133
D	205				Vari	able	Capac	itanc	e Diode	KV123573
D	252	911								RD9R1JS82
D	451	452	453	454	456	458	459	701	702	188133
D	501									RD3R0ESB2
Đ	901	902								ERA15-02Y1
D	951	958	959	960	962	963	966	969		155133
D	961									RD5R6JSB2
D	964									MA700

Inductor 0.12 µ H

Ferri-Inductor 4.7 µ H

Ferri-Inductor 33 µ H Ferri-Inductor 4.7 µ H

Micro-Inductor 0.68 µ H

Choke Coil Ferri-Inductor 100 µ H

Coil

Coil Coil

Coil

Coil

OSC Coil Inductor 15 µ H RD5R1JSB2 RD8R2JS81

CTF1065

CTC1022

CTC1020

CTC1056 CTC1024

LAU150K

LAU4R7K

LAU330K

CTF-161

LAUR68M

CTH1084

LAU101K

CTC1064

CTC1060

===:		Ci	cuit	Symb	ol &	No.	==== Par	t Name	Part No.			= CI	rcuit	aym b	U   &	MO. :	==== Part Name 	Part No.
T	201				Coi				CTB1056	R	154							R\$1/10\$33
	202				Coi				CTB1008	R	155	718						RS1/10S18
	203	204			Coi				CTB1058	R	156							RS1/10S68
	205	104			Coi				CTE1041	R	158							RS1/10S68
	206				Coi				CTE1042	R	159							RS1/10S33
T	210				Coi	1			CTB1061	R	160							RS1/10S10
CF	1						Filter		CTF-182	R	203							RD1/4PS51
CF	51	52					Filter		CTF1130	R	205							RS1/10S51
	201	32			fili		1111		CTF1085	R	211							RS1/10S10
H	1						otector		DSP-201M	R	220							RD1/4PS75
X	151				Cera	annic	Resonator		CSS1066	R	221							RS1/10S10
	702						Resonator		CSS1022	R	222							RD1/4PS22
	951						Resonator		CSS1011	R	224	456	461	462	473	474	478	RS1/10S0R
	151						ed 150kΩ		VRMB6VS154	R	251	252						RS1/10S51
	152						ced 33kΩ		VRMB6VS333	R	253	254	703	704	705	717	739	RS1/10S10
VR	451				Vol	ume 2	20kΩ (A)		CCS1166	R	255	256						RS1/10S1
	452						0 kΩ (G)		CCS1165	R	257	258						RS1/10S1
	453						Switch 201	O (R)	CCS1170	R	259	260						RS1/10S33
	701						ced 220Ω		VRMB6VS221	R	262							RS1/10S39
В	951					tery		(0)	CEX1014	R	263	490	492					RS1/850R
					LCD				CAW1097	R	351	352						RD1/4PS3
										R	355	503	506					RD1/4PS10
CTAD	c									R	453							RD1/4PS2
STOR	3									R	454							R\$1/10\$2
===							==== Par		Part No.	R	467	468						RD1/4PS5
				706					R\$1/10\$223J	R	469	470						RS1/8S22
R		٥	J	100	130				RD1/4PS151JL	R	471							RS1/8S22
R	2	450	400						RS1/10S333J	R	472							RS1/8S22
R		459 479							RD1/4PS473JL	R	476							R\$1/10\$2
R R	8	419	902						RS1/10S563J	R	477							R\$1/1053
									RD1/4PS563JL	R	481	485						RD1/4PS1
R	9				214	716	710		RS1/10S103J	R	482							RD1/4PS3
R		15/	201	202	/14	/10	5 728		RD1/4PS271JL	R	486	489	499	553	554	558	721	RS1/10S0
R	13								R\$1/10\$561J	R	501	504	715	955	966			RD1/4PS4
R	14 15								R\$1/105683J	R	505	723						RD1/4PS1
R	16								RS1/10S474J	R	551	552						R\$1/10\$1
R	17								RD1/4PS271JL	R	555	556						RS1/10S1
R	18								RS1/10S331J	R	557							RD1/4PS0
R	20								R\$1/10\$182J	R	559							RS1/10S6
R	21								R\$1/10\$101J	R	707							RS1/10S1
R	22								RS1/10S223J	R	708	710	711	734				RS1/10S1
R	23								RD1/4PS472JL	R	709	732						RD1/4PS2
R	24								RD1/4PS682J1		712							RS1/10S5
R		223	702						RS1/10S472J	R	720							RS1/10S2
R	26			963					RD1/4PS103JL	R	725	127						R\$1/10\$0
R	51								R\$1/10\$331J	R	726							RS1/10S5
R	52								RD1/4PS333JL	R	730							RS1/10SB
	53	480							RD1/4PS104JL		731							RS1/10S1
	54	400							RD1/4PS103JL		735							RS1/8S22
R	55								RS1/10S682J	R	737							RS1/8S47
R R			354	724					RD1/4PS153JL	R	738							RS1/8S10
R R		353			719	72	9		RS1/10S473J	R	901							RD1/2PS3
R R	56						-		RS1/10S513J	R	911							RS1/10S3
R R R	56 57								RS1/10SOROJ	R	912							RS1/10S2
R R R R	56 57 58								RS1/10S133J	R	913	967						RS1/10S1
R R R	56 57								,									
R R R R R	56 57 58 59 101									R	914	959						RS1/10S2
R R R R R	56 57 58 59 101								RS1/10S682J	R R	914 951	959						
R R R R R R	56 57 58 59 101	210							RS1/10S682J RS1/10S183J			959						RD1/4PS4
R R R R R R R	56 57 58 59 101 102 103 104								RS1/10S682J RS1/10S183J RS1/10S682J	R	951	959						RD1/4PS4 RS1/10S3
R R R R R R R	56 57 58 59 101 102 103 104 105	210							RS1/10S682J RS1/10S183J RS1/10S682J RS1/10S752J	R R R	951 953	959						RD1/4PS4 RS1/10S3 RD1/4PS4
R R R R R R	56 57 58 59 101 102 103 104	210							RS1/10S682J RS1/10S183J RS1/10S682J	R R R	951 953 956	959						RS1/10S2 RD1/4PS4 RS1/10S3 RD1/4PS4 RD1/4PS2 RD1/4PS3

CAPACITORS	Mark ====== Circuit Symbol & No. ==== Part Name Part No.
Mark ====== Circuit Symbol & No. ==== Part Name Part No	· C 553 554 CEA010M50L2
	• • • • • • • • • • • • • • • • • • • •
C 1 3 17 56 203 CCSOCH2	
C 2 53 58 205 226 710 902 CKSQYF4	
C 4 25 CCSQCH3	
C 5 207 209 CCSOTHO	
C 6 CCSQTHO	70D50 C 708 CCSQSL271J50
	C 711 722 CKSQYF473725
C 7 202 706 717 CKSQYB2	
C 8 22 CKSQYB2	
C 9 CCSQTH1	
C 10 CCSOSL2	0 110
C 11 CKSQYB1	03K50 C 719 CEAR33M50LS2
•	C 720 721 CQMA473J50
C 12 CCSOCH4	
C 13 224 CEA3R3N	
C 14 CKSQYB1	0 301
C 15 CCSQCHO	
C 16 CCSQCH1	
	C 921 CCSQSL101J50
C 18 CCSQCH1	
C 19 101 164 201 502 CKSQYB1	0 322
C 20 CKSOYF1	0 310 314 310
C 21 23 CKSYB39	0 301 302
C 24 CCSQCH4	
• • •	C 956 CEA331M6R3L2
C 27 52 912 CEA101M	
C 51 54 59 105 154 204 216 227 CKSQYB2	0 300
C 55 155 156 157 CEA010M	
C 57 CEAR47M	
C 60 CCDLH91	
	MISCELLANEOUS
C 61 954 CKSYB47	3K50   KE-170GSDK/WG   KE-1730B/EW   KE-1700B/IT
C 102 206 563 707 713 724 CEA470M	1618
C 103 CKSQYB1	82K50   Circuit Symbol & No.   Part No.   Part No.   Part No.
C 104 CKSQYB6	
C 106 CKSQYB1	
	10702 TA75558S 257458
C 151 152 CKSQYB1	53,50 0203. 204. 205. 200. 207
C 153 CKSQYB3	32K50 DTC124FS
C 158 CEAR22M	50182
C 159 CEAORIM	50LS2   0701, 702, 705   2SC2458
C 161 467 CEA100M	
C 161 467 CEA100M	16LS2 0703 25K3DA 0704 2SA1048
C 161 467 CEA100M C 162 163 CKSQY81	16LS2 0703 25K3DA 0704 2SA1048 0706 2SC2534NC
C 161 467 CEA100M C 162 163 CKSQY81 C 165 CKSQY81	16LS2 0703 25K3DA 0704 2SA1048 0706 2SC2534NC 0707 2SC2712
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCH0	16LS2 0703 25K30A 0704 2SA1048 0706 2SC27534NC 0707 2SC2712 0707
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCH0 C 217 CCSQRH1	16LS2 0703 25K3DA 0704 2SA1048 0706 2SC27534NC 0707 2SC2712 0708 0TC124ES 0708 0TC124ES 0TC124ES
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCH0	16LS2 0703 25K3DA 0704 25A1048 0706 25C2534MC 0706 25C2534MC 0706 0707 25C2712 0708 0TC124ES 0708 0TC124ES 0TC124ES 0TC124ES
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCH0 C 217 CCSQRH1 C 218 CCSQUJ1	16LS2 0703 2SK30A 0704 0704 2SA1048 0706 2SC2534MC 0707 0707 0707 0707 0707 0707 070
C 161 467 CEA100M C 162 163 CKSQYBI C 165 CKSQYBI C 208 CCSQCHO C 217 CCSQRHI C 218 CCSQUJI C 222 CEAR47M	16LS2 0703 2SK30A 0704 0704 2SA1048 0706 2SC2534MC 0707 0707 0707 0707 0707 0707 070
C 161 467 CEA100M C 162 163 CKSQY81 C 165 CKSQY81 C 208 CCSQCHO C 217 CCSQRH1 C 218 CCSQUJ1 C 222 CEAR47M C 222 CKSQY84	16LS2 0703 28K3DA 0704 2SA1048 0706 2SC2534MC 0707 2SC2712 0707 0708 0TC124ES 0TC1
C 161 467 CEA100M C 162 163 CKSQY81 C 165 CKSQY81 C 208 CCSQCHO C 217 CCSQRH1 C 218 CCSQUJ1 C 222 CEAR47M C 222 CEAR47M C 222 CKSQY84 C 225 232 CKSQY84 C 228 705	16LS2 0703 28K3DA
C 161 467 CEA100M C 162 163 CKSQY81 C 165 CKSQY81 C 208 CCSQCH0 C 217 CCSQRH1 C 218 CCSQUJ1 C 222 CEAR47M C 225 232 CKSQY84 C 228 705 C 229 230 701 709 CKSQY82	16LS2     0703     25K3DA        0704     2SA1048        0705     25C2534MC        02K50     0707     25C2712        10C50     0708     DTC124ES        03J50     0913     DTC124ES     DTC124ES       0457      15S133     15S133       50LS2     0701, 702     15S133        73K25     0951, 966, 969     15S133      15S133       16LS     0953      15S133        1AURS8M
C 161 467 CEA100M C 162 163 CKSQY81 C 165 CKSQY81 C 208 CCSQCHO C 217 CCSQRH1 C 218 CCSQUJ1 C 222 CEAR47M C 222 CEAR47M C 222 CKSQY84 C 225 232 CKSQY84 C 228 705	16LS2 0703 2SK30A 0704 2SA1048 0706 2SC2534NC 0706 2SC2534NC 0707 2SC2712 0707 0707 0707 0707 0707 0707 070
C 161 467 CEA100M C 162 163 CKSQY81 C 165 CKSQY81 C 208 CCSQCH0 C 217 CCSQRH1 C 218 CCSQUJ1 C 222 CEAR47M C 222 CEAR47M C 225 232 CKSQY84 C 228 705 CEA220M C 229 230 701 709 CKSQYB2 C 231 CQPA431	16LS2 0703 2SK3DA 0704 0704 2SA1048 0706 2SC2534MC 0707 0707 0707 0707 0707 0707 070
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCHO C 217 CCSQRHI C 218 CCSQUJ1 C 222 CEAR47M C 225 232 CKSQYB2 C 228 705 CEA220M C 229 230 701 709 CKSQYB2 C 231 CQPA431	16LS2 0703 2SK30A 0704 0704 2SA1048 0706 2SC2534MC 0707 0707 0707 0707 0707 0707 070
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCHO C 217 CCSQRH1 C 218 CCSQUJ1 C 222 CEAR47M C 222 CEAR47M C 225 232 CKSQYB2 C 228 705 CEA220M C 229 230 701 709 CKSQYB2 C 231 CCSQBA1 C 251 252 CKSQYB2 C 253 254 957 CEA2RAM	16LS2
C 161 467 CEA100M C 162 163 CKSQY81 C 165 CKSQY81 C 208 CCSQCHO C 217 CCSGRH1 C 218 CCSQUJ1 C 222 CEAR47M C 222 CEAR47M C 225 232 CKSQY84 C 228 705 CEA220M C 229 230 701 709 CKSQY82 C 231 COPA431 C 251 252 CKSQYB2 C 253 254 957 CEA2R2M C 255 CEA470M	16LS2
C 161 467 CEA100M C 162 163 CKSQY81 C 165 CKSQY81 C 208 CCSQCHO C 217 CCSGRH1 C 218 CCSQUJ1 C 222 CEAR47M C 225 232 CKSQY84 C 228 705 CEA220M C 229 230 701 709 CKSQYB2 C 231 CQPA431 C 251 252 CKSQYB2 C 253 254 957 CEA2R2M C 255 CEA470M C 255 CEA470M C 256 262 557 558 CEA470M	16   15   15   15   15   15   15   15
C 161 467 CEA100M C 162 163 CKSQY81 C 165 CKSQY81 C 208 CCSQCHO C 217 CCSGRH1 C 218 CCSQUJ1 C 222 CEAR47M C 222 CEAR47M C 225 232 CKSQY84 C 228 705 CEA220M C 229 230 701 709 CKSQY82 C 231 COPA431 C 251 252 CKSQYB2 C 253 254 957 CEA2R2M C 255 CEA470M	16LS2
C 161 467  C 162 163  C 165  C 208  C 208  C 217  C 218  C 218  C 222  C 225 232  C 228 705  C 229 230 701 709  C 231  C 251 252  C 253 254 957  C 256 262 557 558  C 26A20M  C C 257 258  C C 257 258  C C C C C C C C C C C C C C C C C C C	16   15   2   07   03   25   15   15   15   15   15   15   15
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCHO C 217 CCSQRHI C 218 CCSQUJ1 C 222 CEAR47M C 225 232 CKSQYB2 C 228 705 CEA220M C 229 230 701 709 CKSQYB4 C 231 CQPA431 C 251 252 CKSQYB4 C 253 254 957 CEA72M C 255 CEA470M C 257 258 CKSQYB1 C 261 555 556 CEA470M C 257 258	16LS2
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCHO C 217 CCSQRHI C 218 CCSQUJI C 218 CCSQUJI C 222 CEAR47M C 225 232 CKSQYB2 C 228 705 CEA220M C 229 230 701 709 CKSQYB2 C 231 CQPA431 C 251 252 CKSQYB2 C 253 254 957 CEA270M C 255 CEA470M C 257 258 CKSQYB1 C 261 555 556 CEA470M C 257 258 CKSQYB1 C 261 555 556 CEA221M C 261 557 568 CEA221M C 261 557 556 CEA221M C 261 557 556 CEA221M C 261 557 558 CEA221M C 261 557 558 CEA221M C 261 557 558 CEA221M C 261 561 561 561 561 561 561 561 561 561 5	16LS2
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCHO C 217 CCSQRHI C 218 CCSQUJ1 C 222 CEAR47M C 225 232 CKSQYB2 C 228 705 CEA220M C 231 COPA431 C 251 252 CKSQYB2 C 253 254 957 CEA27M C 255 CEA470M C 257 258 CKSQYB2 C 257 258 CKSQYB1 C 251 352 CEA470M C 257 258 CKSQYB1 C 251 352 CKSQYB1 C 253 354 957 CEA470M C 255 CEA470M C 257 258 CKSQYB1 C 257 258 CKSQYB1 C 251 352 704 714 CEA100M C 353 CEA47M C 353 CEA47M	16LS2
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCHO C 217 CCSQRHI C 218 CCSQUJI C 218 CCSQUJI C 222 CEAR47M C 225 232 CKSQYB2 C 228 705 CEA220M C 229 230 701 709 CKSQYB2 C 231 CQPA431 C 251 252 CKSQYB2 C 253 254 957 CEA270M C 255 CEA470M C 257 258 CKSQYB1 C 261 555 556 CEA470M C 257 258 CKSQYB1 C 261 555 556 CEA221M C 261 557 568 CEA221M C 261 557 556 CEA221M C 261 557 556 CEA221M C 261 557 558 CEA221M C 261 557 558 CEA221M C 261 557 558 CEA221M C 261 561 561 561 561 561 561 561 561 561 5	16   15   15   15   15   15   15   15
C 161 467 CEA100M C 162 163 CKS0Y81 C 165 CKS0Y81 C 208 CCSQCHO C 217 CCSQRHI C 218 CCSQUJI C 218 CCSQUJI C 222 CEAR47M C 222 CKS0Y84 C 228 705 CCA220M C 229 230 701 709 CKS0Y82 C 231 COPA431 C 251 252 CKS0Y84 C 253 254 957 CEA270M C 255 CEA270M C 257 258 CEA470M C 257 258 CEA470M C 257 258 CKS0Y81 C 261 555 556 CEA271M C 253 352 704 714 CEA100M C 353 C 461 462 CEA272M	16   15   15   15   15   15   15   15
C 161 467 CEA100M C 162 163 CKS0Y81 C 165 CKS0Y81 C 208 CCSQCHO C 217 CCSQRHI C 218 CCSQUJI C 218 CCSQUJI C 222 CEAR47M C 222 CKS0Y84 C 228 705 CCA220M C 229 230 701 709 CKS0Y82 C 231 COPA431 C 251 252 CKS0Y84 C 253 254 957 CEA270M C 255 CEA270M C 257 258 CEA470M C 257 258 CEA470M C 257 258 CKS0Y81 C 261 555 556 CEA271M C 253 352 704 714 CEA100M C 353 C 461 462 CEA272M	16   15   15   15   15   15   15   15
C 161 467  C 162 163  C 165  C 208  C 207  C 217  C 218  C 222  C 227  C 228 705  C 229 230 701 709  C 231  C 251 252  C 253 254 957  C 255 262 557 558  C 26A470M  C 257 258  C 26A70M  C 26A70	16LS2
C 161 467 CEA100M C 162 163 CKSQYB1 C 165 CKSQYB1 C 208 CCSQCHO C 217 CCSQRHI C 218 CCSQUJI C 218 CCSQUJI C 222 CEAR47M C 225 232 CKSQYB1 C 229 230 701 709 CKSQYB2 C 231 CQPA431 C 251 252 CKSQYB2 C 253 254 957 CEA220M C 255 CEA470M C 255 CEA470M C 257 258 CKSQYB1 C 257 258 CKSQYB1 C 261 555 556 CEA470M C 257 258 CKSQYB1 C 263 352 704 714 CEA100M C 353 CKSQYB1 C 353 CEA470M C 353 CEA470M C 353 CKSQYB1 C 261 565 466 CKSQYB1 C 465 466 CKSQYB4 C 468 CEA010M	16LS2
C 161 467 CEA100M C 162 163 CKS0YB1 C 165 CKS0YB1 C 208 CCSQCHO C 217 CCSQRHI C 218 CCSQUJI C 218 CCSQUJI C 222 CEAR47M C 225 232 CKS0YB2 C 228 705 CEA220M C 229 230 701 709 CKSQYB2 C 231 COPA431 C 251 252 CKS0YB2 C 253 254 957 CEA220M C 255 CEA270M C 256 262 557 558 CEA470M C 257 258 CKSQYB1 C 251 352 704 714 CEA100M C 353 CKSQYB1 C 353 CEA27M C 353 CEA27M C 353 CEA27M C 353 CKSQYB1 C 261 555 556 CEA27M C 256 CEA27M C 257 258 CKSQYB1 C 261 555 556 CEA27M C 257 258 CKSQYB1 C 261 555 556 CEA27M C 257 258 CKSQYB1 C 261 555 556 CEA27M C 257 258 CKSQYB1 C 261 555 556 CEA27M C 257 258 CKSQYB1 C 257 258 CKSQYB1 C 261 555 556 CEA27M C 257 258 CKSQYB1 C 257 258 CKSQYB1 C 257 258 CKSQYB1	
C 161 467  C 162 163  C 165 CKSQYB1  C 208  C 208  C 217  C 218  C 222  C EAR47M  C 222  C EAR47M  C 229 230 701 709  C 231  C 251 252  C 253 254 957  C 253 254 957  C 256 262 557 558  C 257 258  C 258 CKSQYB1  C 257 258  C 261 555 556  C 262 258  C 258 CKSQYB1  C 251 352  C 258 CKSQYB1  C 257 258  C 261 555 556  C 256 262 557 558  C 26470M  C 353  C 461 462  C 463 464  C 465 466  C KSQYB1  C 468  C 471 472  C KSQYB4  C C KSQYB4  C C C C C C C C C C C C C C C C C C C	

#### CAPACITORS

	KE-1700SDK/WG	KE-1730B/EW	KE-17008/17	
Circuit Symbol & No.	Part No.	Part No.	Part No.	
R206, 207, 215		RD1/4PS474JL		
R208, 209, 213, 218		RD1/4PS561JL		
R212		RD1/4PS104JL		
R214		RS1/105821J	• • • • • • • • • • • • • • • • • • • •	
R216, 217		RS1/10S474J	••••	
R224	RS1/10SOROJ		RS1/10SOROJ	
R476	RS1/10S2R7J	RS1/10SOROJ	RS1/10SOROJ	
R481	RD1/4PS102JL	RD1/4PS222JL	RD1/4PS222JL	
R485	RD1/4PS102JL			
R 5 0 1	RD1/4PS472JL	RD1/4PS222JL	RD1/4PS472JL	
R 5 0 2		RD1/4PS222JL		
R 5 0 7		RD1/4PS331JL		
R701, 713, 719, 729	RS1/10S473J			
R702	RS1/10S472J			
R703, 704, 705, 717, 739	RS1/105104J			
R706, 736	RS1/10S223J			
R735	RS1/8S223J		•••••	
R707	RS1/105181J			
R708, 710, 711, 734	RS1/10S102J			
R709, 732	RD1/4PS223JL			
R712	RS1/108561J		• • • • • • • • • • • • • • • • • • • •	
R714, 718, 728	RS1/10S103J			
R715	RD1/4PS472JL			
R718	RS1/10S182J			
R720	RS1/10S222J			
R721	RS1/10S0R0J			
R722	RS1/105682J		• • • • •	
R723	RD1/4PS152JL			
R724	RD1/4PS153JL			
R725, 727	RS1/10S0R0J			
R726	R\$1/10\$564J			
R730	RS1/10S823J			
R731	RS1/10S123J			
R737	RS1/8S473J			
R738	RS1/8S103J			
R955	RD1/4PS472JL	RD1/4PS473JL	RD1/4PS473JL	
R967	RS1/10S103J	RSI/10SOROJ	RS1/10SOROJ	

	KE-1700SDK/WG	KE-1730B/EW	KE-1700B/IT	
Circuit Symbol & No.	Part No.	Part No.	Part No.	
165	CKSQYB102K50			
210, 211, 220, 221		CKSQYF473750		
212		CCSORHIO1J50		
213		CCSQCH180J50		
214		COPA331G2A		
215		CCSQRH820J50		
217	CCSQRH101J50	CKSQYB223K50	CCSORH101J50	
219		CCSQSH390J50		
231	COPA431G2A		COPA431G2A	
501		CEAR47M50LS2		
701. 709	CKSQYB223K50			
702.703	CKSQYB391K50			
704. 714	CEA100M16L2			
705	CEA220M16LS			
706, 717	CKSQYB222K50			
707.713.724	CEA470M16LS			
708	CCSQSL271J50			
710	CKSQYF473750			
711, 722	CKSQYF473225			
712	CEA010M50LS2			
715, 716	CQMA102J50			
718	COMA683J50			
719	CEAR33M50LS2			
720, 721	COMA473J50			
723	CEA471M16L2	1		
903	CEA331M16L2	CEA102M16L2	CEA102M16L2	
921	CCSQSL 101J50		CCSQSL101J50	
922	CKDYB391K50		CKDYB391K50	
923. 924. 925	CXPYF223725L		CXPYF2232251	
953		CKSQYF473250	CKSQYF473750	
957	CEA2R2M50LS2			
958	CEA220M16LS			

